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FINAL REPORT

1969 ATMOSPHERIC REACTION STUDIES IN THE LOS ANGELES BASIN

VOLUME IV

AIRBORNE DATA
ESSA COOPERATIVE DATA

Prepared for

COORDINATING RESEARCH COUNCIL, INC.

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION

(Contract No. 70 - 6)

Prepared by

SCOTT RESEARCH LABORATORIES, INC.
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New York, N. Y. 10020

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411 West Chapel Hill St.
Durham, North Carolina 27701

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Atmospheric
August 18-November 14, 1969

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16. Abstracts
A comprehenisve survey of the atmosphere of the Los Angeles Basin was conducted during the period August 18 to November 14, 1969. A large number of contaminants were determined continuously and periodically, and readings of pertinent meteorological factors were made at two ground level sites and in vertical profiles above the ground sites.
Two 8' x 35' mobile trailer-type laboratories were used in the study. Each contained instrumentation for continuous monitoring of a number of contaminants, photochemical products and meteorological parameters and chromatographs and wet chemical apparatus for determining a large number of additional pollutants periodically. The pollutants measured included carbon monoxide, oxidant, ozone, nitric oxide, nitrogen dioxide, total hydrocarbons, individual C_1 to C_{10} hydrocarbons, peroxyacetyl nitrate and total aliphatic aldehydes. The meteorological elements monitored included temperature relative humidity, wind speed and direction, and ultraviolet radiation intensity.

17. Key Words and Document Analysis. (a). Descriptors

Photochemical Smog
Chemical and Neteorological Parameters
Hygro-thermograph
Carbon Monoxide
Oxidants
Ozone
Nitric Oxide
Nitrogen Dioxide
Total Hydrocarbons
Flame Ionization
Acrolein
Total Aliphatic Aldehydes
Tedlar Bags
NOx
Vertical Diffusion
Olefins
Peroxyacetyl Nitrate
Aldehydes
Ultraviolet Radiation
Oxidation

17b. Identifiers/Open-Ended Terms

17c. COSATI Field/Group

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February 16, 1970

Final Report

1969 Atmospheric Reaction Studies in the Los Angeles Basin

APRAC Project CAPA 7-68

Volume IV

Airborne Data
ESSA Cooperative Data

for

Coordinating Research Council, Inc.

and

National Air Pollution Control Administration
(Contract No. CPA 70-6)

Prepared by

SCOTT RESEARCH LABORATORIES, INC.
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Chemical and Meteorological Data Recorded during Aircraft Flights

This section contains data for the chemical and meteorological parameters measured aloft during the 26 aircraft flights and for analyses performed on the Tedlar bag samples collected during vertical profiles. The data from the continuous instruments were recorded at ten second intervals during profiles and at one minute intervals at other times. Occasional spurious readings, usually caused by interfering signals, must be disregarded. The first four flights were made before all the instrumentation was operational and were used for check-out purposes. Asterisks are placed between the UV columns when the aircraft was in level flight. Other UV readings are not necessarily valid. Altitudes recorded by the transducer have been corrected for barometric pressure and instrument error by empirical equations, and most residual errors are less than 50 feet. The parameters represented by the coding used in the data column headings are listed below.

Parameter Coding Index

ALT - Altitude above mean sea level, feet

TIME - Time of day (hr., min., 10 sec.), PST

TMPDB - Dry-bulb temperature, ^{o}F

TMPWB - Wet-bulb temperature, ^{o}F

RH - Relative Humidity, %

DP - Dew point, ^{o}F

UVIN - Incoming ultraviolet radiation, watts per square meter

UVOUT - Outgoing ultraviolet radiation, watts per square meter

OX - Total oxidant, pphm

NO - Nitric oxide, pphm

NO2 - Nitrogen dioxide, pphm

CO - Carbon monoxide, ppm

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-001
AIRCRAFT DATA FLIGHT NUMBER 01 DATA DATE 09/10/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE		10163	72.4	51.1	20	28.1	26.3	0.2	6.7			
		10182	72.4	51.0	20	27.9	28.0	0.2	7.8			
		10473	82.5	68.6	48	60.8	30.0	0.2	10.5			
		10474	82.6	68.8	48	60.9	30.0	0.1	12.1			
		10475	82.8	69.2	52	63.2	30.3	0.2	9.7			
		10480	82.9	68.9	52	63.0	30.7	0.2	9.7			
		10481	82.9	68.9	52	63.0	30.8	0.2	9.7			
		10482	82.9	68.9	52	63.0	30.7	0.2	9.6			
		10483	82.9	69.2	52	63.2	30.9	0.2	9.1			
		10484	83.0	69.2	52	63.1	30.9	0.2	8.9			
		10485	83.0	68.6	48	60.6	30.4	0.2	9.3			
		10490	82.7	68.6	48	60.7	30.4	0.2	10.4			
		10491	81.0	69.2	57	64.2	30.6	0.3	10.7			
		10492	81.3	69.1	57	64.0	30.7	0.3	11.1			
		10493	81.9	67.7	48	60.7	30.5	0.5	12.0			
	300	10494	80.4	67.5	52	61.4	29.4	1.6	13.5			
		10495	78.8	66.8	52	59.7	30.8	1.7	14.4			
		10500	77.7	65.9	56	59.8	29.3	2.1	15.1			
	500	10501	77.3	65.4	55	59.8	30.2	2.2	15.4			
		10502	76.8	65.2	52	57.8	29.1	2.8	15.7			
		10503	76.5	65.1	52	57.9	28.8	3.0	15.8			
	800	10504	76.3	65.0	52	58.0	31.1	2.9	16.3			
		10505	76.0	64.7	55	58.0	31.2	3.2	17.7			
		10510	76.2	63.8	51	57.3	31.1	3.5	17.7			
	1100	10511	75.9	64.2	55	57.7	30.6	3.5	17.5			
		10512	77.1	63.1	45	53.9	29.1	3.4	17.6			
		10513	79.5	61.4	34	48.1	29.1	3.4	18.6			
		10514	80.0	59.3	26	42.8	29.3	3.5	18.4			
		10515	80.2	58.7	25	42.0	29.1	3.7	16.3			
		10520	79.9	58.7	26	42.3	29.0	3.7	16.4			
	1500	10521	80.1	58.4	25	41.7	29.3	3.9	15.4			
		10522	80.4	57.9	21	37.5	29.0	4.1	12.6			
		10523	80.6	58.3	25	41.1	29.1	4.7	12.0			
	1800	10524	80.7	57.6	21	36.8	28.9	4.8	11.3			
		10525	81.0	57.3	20	36.0	29.1	5.0	10.8			
		10530	81.2	56.4	19	34.5	28.7	5.0	8.7			
	2100	10531	81.1	56.7	19	35.1	29.1	5.2	6.9			
		10532	80.9	56.4	19	34.9	29.0	5.5	6.5			
		10533	80.7	56.1	16	30.8	29.2	5.6	6.7			
	2300	10534	80.9	57.4	20	36.2	29.0	5.6	7.0			
		10535	81.0	57.6	20	36.4	29.0	5.5	7.1			
		10540	81.2	58.3	24	40.4	29.1	5.5	7.0			
		10541	81.3	58.3	24	40.3	29.2	5.8	7.8			
		10542	81.1	57.6	20	36.2	29.0	6.0	7.8			
		10543	81.4	54.7	14	27.3	29.0	6.1	6.9			
	2700	10544	81.5	52.9	9	17.8	29.1	6.1	7.1			
		10545	81.6	51.4	5	4.8	29.0	6.0	5.5			
		10550	81.6	51.6	5	5.6	29.1	6.0	5.0			
	2900	10551	81.0	51.7	6	8.3	28.9	6.2	4.3			
		10552	80.7	51.3	6	8.0	29.0	5.8	4.6			
		10553	80.5	51.2	6	8.3	29.0	5.8	4.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-002
AIRCRAFT DATA FLIGHT NUMBER 01 DATA DATE 09/10/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	3200	10554	80.2	50.9	6	8.3	29.1	5.6	5.8			
		10555	80.0	50.8	4	- 2.6	29.0	5.5	6.9			
		10560	79.9	49.8	3	- 8.1	28.9	5.6	5.1			
		10561	80.4	49.5	2	-15.6	29.0	5.5	5.2			
		10562	81.0	49.1	1	-30.6	29.3	5.5	4.9			
		10563	81.4	49.1	1	-30.9	29.0	5.6	4.9			
	3500	10564	81.4	49.0	0	-30.9	28.7	5.8	4.8			
		10565	81.3	48.8	0	-30.8	29.1	6.2	5.1			
		10570	81.0	48.6	0	-30.9	28.8	6.2	4.3			
		10571	80.8	49.1	1	-26.7	29.0	6.3	3.8			
		10572	80.9	49.0	0	-30.9	29.0	6.1	3.4			
		10573	81.1	49.0	0	-30.9	29.0	6.1	5.4			
		10574	80.8	48.7	0	-30.9	29.2	6.0	4.0			
		10575	81.0	48.8	0	-30.9	29.1	6.1	3.5			
		10580	81.0	48.6	0	-30.9	29.0	6.3	4.9			
		10581	80.7	48.6	0	-30.9	29.2	6.1	4.8			
		10585	80.8	48.5	0	-30.9	29.2	6.0	3.7			
		10590	80.8	48.4	0	-30.9	28.8	6.0	3.6			
		10591	80.8	48.3	0	-30.8	29.2	6.1	3.7			
		10592	80.8	48.3	0	-30.8	29.1	6.0	3.7			
		10593	80.9	48.3	0	-30.8	29.1	5.8	3.6			
		10594	80.9	48.3	0	-30.8	29.2	5.7	3.8			
		10595	80.9	48.4	0	-30.8	29.2	5.7	3.8			
		11000	80.8	48.3	0	-30.8	29.3	5.7	4.0			
		11001	80.8	48.3	0	-30.8	29.3	5.7	3.6			
		11002	80.9	48.4	0	-30.8	29.3	5.6	3.7			
		11003	80.9	48.4	0	-30.8	29.0	5.6	3.9			
		11004	81.1	48.4	0	-30.8	29.2	5.6	3.6			
		11005	81.1	48.5	0	-30.8	29.2	6.1	4.0			
		11010	81.3	48.5	0	-30.8	29.2	6.4	3.5			
		11011	81.0	48.5	0	-30.8	29.1	5.7	4.4			
		11012	80.9	48.5	0	-30.9	29.0	5.3	5.3			
		11013	81.1	48.6	0	-30.8	29.0	5.5	4.4			
		11014	81.1	48.8	0	-30.9	29.1	5.1	4.4			
		11015	81.3	49.6	1	-26.7	29.0	5.4	4.0			
		11020	81.2	50.5	2	-13.4	29.0	5.4	3.2			
		11021	81.1	50.6	3	-11.5	28.8	5.2	3.4			
		11022	81.4	50.7	2	-13.4	29.2	5.2	3.6			
		11023	81.6	50.7	2	-15.6	29.2	5.2	3.8			
		11024	81.8	50.6	2	-19.2	29.0	5.1	4.4			
		11025	82.0	50.8	2	-19.2	29.1	5.2	3.6			
		11030	82.3	51.1	4	- 0.4	29.3	5.2	3.7			
		11031	82.7	51.3	4	- 2.3	29.1	5.2	3.9			
		11032	82.7	52.1	5	3.0	29.3	5.4	3.9			
		11033	82.1	54.1	10	19.3	29.0	5.5	4.6			
		11034	82.5	55.0	13	25.8	29.5	5.4	4.9			
		11035	82.4	55.3	13	26.6	29.2	5.9	4.9			
		11040	82.6	52.4	5	4.8	29.2	6.0	4.4			
		11041	82.6	51.9	5	2.3	28.9	5.8	4.3			
		11042	82.5	52.4	5	5.2	29.1	5.6	4.2			
		11043	82.7	53.2	8	15.4	29.1	5.5	4.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-003
AIRCRAFT DATA FLIGHT NUMBER 01 DATA DATE 09/10/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE		11044	82.4	55.1	13	26.2	29.2	5.4	6.5			
		11045	82.5	56.1	14	27.8	29.2	6.0	6.8			
		11050	81.7	57.4	18	35.2	31.3	6.2	8.4			
		11051	81.5	57.0	18	34.9	29.1	6.4	9.2			
		11052	81.4	57.3	20	35.5	32.0	5.9	10.4			
		11053	81.2	57.5	20	36.0	29.3	5.9	8.6			
		11054	81.5	57.6	19	35.7	29.1	5.5	8.5			
		11055	81.7	57.6	19	35.5	29.1	5.3	8.6			
		11060	82.0	56.5	17	33.5	29.3	5.2	8.4			
		11061	82.1	56.4	17	33.2	29.1	5.4	8.3			
		11062	82.0	56.1	14	28.7	29.1	5.4	7.5			
		11063	81.6	57.2	18	35.1	29.4	5.3	8.5			
		11064	82.3	55.8	14	27.7	29.2	5.6	8.1			
		11065	81.6	56.1	15	29.4	29.2	5.5	7.0			
		11070	81.5	57.7	19	35.9	29.2	5.4	8.3			
		11071	81.0	57.3	20	36.0	29.3	5.3	8.4			
		11072	81.7	56.7	18	34.2	29.1	5.5	8.6			
		11073	82.2	56.2	14	28.5	29.2	5.5	8.5			
		11074	82.3	55.6	13	27.3	29.3	5.6	7.5			
		11075	82.5	54.1	9	18.3	29.1	5.5	6.2			
		11080	81.8	54.7	13	26.6	29.1	6.2	6.5			
		11081	81.9	55.5	14	27.8	29.0	5.4	7.7			
COMMERCE		11082	82.0	56.6	17	33.7	29.1	3.7	10.7			
		11083	81.7	56.2	15	29.4	29.0	4.8	8.8			
		11084	82.2	56.0	14	28.2	29.3	5.4	7.3			
		11085	81.6	56.6	18	34.2	29.2	5.6	7.9			
		11090	81.2	57.0	20	35.3	29.1	6.0	7.8			
		11091	81.7	57.3	18	35.1	29.2	5.9	8.8			
		11092	82.3	51.4	4	1.1	29.1	5.8	4.5			
		11093	82.7	51.2	4	- 2.7	31.5	5.7	4.2			
		11094	82.5	53.0	8	15.4	34.4	5.4	5.0			
		11095	81.6	56.1	15	29.4	32.3	5.3	6.5			
		11100	77.7	56.7	26	39.3	30.3	5.1	8.5			
	1400	11101	78.7	57.6	24	39.2	29.2	5.2	11.2			
		11102	75.2	62.8	49	55.0	29.0	4.2	11.2			
		11103	75.3	63.5	54	57.6	29.0	3.4	13.6			
		11104	75.3	64.1	55	58.0	29.1	4.0	12.9			
		11105	75.6	63.3	50	55.1	31.6	4.3	15.3			
		11110	76.0	63.7	54	57.3	29.9	4.6	16.3			
		11111	76.0	64.6	55	57.9	28.2	3.9	14.7			
		11112	76.0	64.8	55	58.0	31.3	2.5	12.6			
		11113	76.7	65.0	51	57.7	29.2	2.8	11.4			
		11114	77.9	65.4	52	59.4	29.7	3.0	8.9			
		11115	76.0	65.1	56	58.2	30.3	3.1	7.3			
		11120	76.9	65.4	56	60.0	31.8	2.2	8.9			
		11121	76.3	64.8	52	57.8	31.5	2.1	10.7			
		11122	76.5	64.9	52	57.8	30.3	2.2	12.7			
		11123	76.2	64.9	52	58.0	31.2	2.6	11.3	3.1	7.6	4.6
		11124	76.1	64.2	51	57.6	30.0	3.2	14.9			
		11125	74.7	63.4	51	55.8	29.5	3.0	16.3			
		11130	74.3	63.1	51	55.8	30.1	3.5	17.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-0.4
AIRCRAFT DATA FLIGHT NUMBER 01 DATA DATE 09/10/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	CX	NO	NO2	CO
COMMERCE		11131	74.4	63.4	51	56.0	28.5	2.7	16.0			
		11132	74.8	63.4	51	55.7	30.5	3.8	17.0			
		11133	75.0	63.4	50	55.6	31.6	3.7	17.2			
	1000	11134	75.3	62.5	49	54.7	29.1	3.8	18.4	1.4	1.8	4.3
		11135	75.3	63.2	50	55.2	29.2	3.7	18.9			
		11140	75.1	63.4	50	55.5	29.3	3.6	17.7			
	1100	11141	74.9	62.9	50	55.3	29.2	3.5	16.4			
		11142	74.2	63.7	60	58.5	29.3	4.1	13.9			
		11143	74.6	62.8	50	55.4	29.3	4.2	12.1			
		11144	73.5	62.3	54	55.8	29.1	4.2	11.7			
		11145	72.6	61.1	49	53.4	29.2	4.4	10.7			
		11150	78.2	57.3	24	39.4	31.4	4.7	11.0	1.6	2.4	1.3
		11151	79.4	56.0	19	32.7	29.3	4.2	10.9			
		11152	79.7	56.1	17	32.4	29.4	3.9	11.5			
		11153	76.4	58.4	33	45.5	29.3	4.7	13.1			
		11154	80.9	56.4	19	34.9	28.6	5.6	12.2			
		11162	81.3	50.8	3	-11.5	29.9	5.7	4.7			
		11163	81.4	50.7	2	-13.4	29.0	5.3	4.6			
		11164	81.3	53.4	10	19.6	29.2	5.3	6.1			
		11165	81.9	54.2	10	20.0	29.3	5.2	6.4			
		11170	82.2	52.9	8	16.0	29.1	5.2	6.0			
	2200	11171	82.2	52.0	5	4.8	29.2	5.2	5.4			
		11172	82.1	52.1	5	5.6	29.2	5.2	5.0			
		11173	82.4	51.8	5	3.0	29.1	5.3	4.8			
		11174	82.2	51.6	5	3.0	29.3	5.2	4.7			
		11175	82.0	51.4	5	3.0	29.3	4.9	4.6			
		11180	82.3	51.6	5	2.3	29.2	4.7	4.9			
	2500	11181	82.5	51.5	4	0.6	29.1	4.7	4.9			
		11182	82.5	52.0	5	3.5	29.3	5.6	4.7			
		11183	82.1	51.8	5	4.3	29.1	5.3	4.9			
		11184	82.1	51.4	5	2.3	29.5	3.3	5.1			
		11185	82.7	51.5	4	- 0.4	29.2	4.0	4.8			
		11190	82.5	51.4	4	0.1	29.2	4.0	5.7			
		11191	82.6	51.5	4	0.1	29.2	4.2	6.3			
		11192	82.5	51.4	4	0.1	29.2	4.6	5.0			
		11193	82.5	51.4	4	0.1	29.3	4.7	4.8			
		11194	82.5	51.4	4	0.1	29.2	5.4	4.4			
		11195	82.5	51.4	4	0.1	28.8	5.6	4.1			
		11200	82.6	51.4	4	- 0.4	29.3	5.5	4.0			
		11201	82.4	51.7	5	2.3	29.5	5.4	4.3			
		11202	82.6	52.0	5	3.0	29.0	5.4	4.2			
		11203	82.7	52.1	5	3.0	29.6	5.5	4.0			
		11204	82.5	51.4	4	0.1	29.3	5.7	3.8			
		11205	82.7	51.5	4	- 0.4	29.4	5.8	3.7			
		11210	82.9	51.5	4	- 2.3	29.3	5.8	3.7			
		11211	82.7	51.4	4	- 1.5	29.5	5.7	5.2			
		11212	82.9	51.8	4	0.1	30.8	5.6	3.6			
		11222	83.2	51.8	4	- 2.3	29.4	5.2	3.7			
		11223	83.1	51.9	4	- 0.4	29.6	5.1	3.6			
		11224	83.2	52.0	4	- 0.4	29.2	5.0	3.6			
		11225	83.0	51.5	4	- 2.7	29.0	4.9	3.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-005
AIRCRAFT DATA FLIGHT NUMBER 01 DATA DATE 09/10/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE		11230	82.8	51.5	4	- 1.5	29.2	5.0	3.5			
		11231	82.9	51.6	4	- 1.5	28.9	4.7	3.5			
		11232	82.7	51.6	4	0.1	29.5	4.7	3.6			
		11233	82.7	51.5	4	- 0.4	29.0	4.6	3.8			
		11234	82.7	51.4	4	- 1.5	29.1	4.6	3.6			
		11235	82.7	51.4	4	- 1.5	29.3	4.6	3.5			
		11240	82.9	51.5	4	- 2.3	29.1	4.6	3.5			
		11241	82.8	51.5	4	- 1.5	29.6	4.3	3.6			
		11242	82.6	51.4	4	- 0.4	29.1	4.1	3.7			
		11243	82.7	51.5	4	- 0.4	30.0	4.2	3.5			
		11244	82.5	51.2	4	- 1.5	29.4	4.2	3.7			
		11245	82.6	51.2	4	- 2.3	29.3	3.9	3.6			
		11250	82.8	51.4	4	- 2.3	29.2	4.5	3.5			
HAWTHORNE		11251	82.5	51.4	4	0.1	29.4	3.8	3.6			
		11252	82.5	51.4	4	0.1	29.3	3.7	3.8			
		11253	82.5	51.2	4	- 1.5	29.1	3.6	3.6			
		11254	82.5	51.4	4	0.1	29.3	3.7	3.6			
		11255	82.5	51.3	4	- 0.4	29.1	3.7	3.5			
		11260	82.5	51.5	4	0.6	29.4	3.8	3.5			
		11261	82.5	51.4	4	0.1	29.2	4.2	3.3			
		11262	82.7	51.2	4	- 2.7	29.2	4.4	3.4			
		11263	82.6	51.3	4	- 1.5	29.2	3.9	3.6			
		11264	82.7	51.2	4	- 2.7	29.2	4.1	3.7			
		11265	82.5	51.2	4	- 1.5	29.4	3.5	3.7			
		11270	82.2	51.0	4	- 0.4	29.3	4.0	3.9			
		11271	82.5	50.9	4	- 3.1	30.4	5.7	3.6			
		11272	82.5	50.9	4	- 3.1	31.5	6.5	3.5			
		11273	82.9	50.9	3	- 5.2	29.4	4.0	4.5			
		11274	83.3	51.4	3	- 4.6	29.5	4.1	3.7			
		11275	83.2	51.4	3	- 3.9	29.4	4.2	3.4			
2100		11280	83.2	51.2	3	- 5.2	29.3	4.0	3.3			
		11281	83.0	51.6	4	- 2.3	29.4	3.6	3.6			
		11282	83.1	52.1	4	0.6	29.5	3.4	3.4			
1900		11283	83.4	52.4	4	0.6	29.2	3.3	3.6			
		11284	83.6	52.7	6	11.2	29.4	3.3	3.6			
		11285	82.7	52.4	5	4.3	29.2	3.2	3.8			
1600		11290	83.4	52.3	4	0.1	29.3	3.8	3.8			
		11291	82.9	52.4	5	3.5	29.2	3.7	3.7			
		11292	83.1	52.4	5	2.3	29.4	3.6	3.6			
1400		11293	83.2	52.4	4	1.7	29.4	3.4	4.2			
		11294	83.3	52.4	4	1.1	30.4	3.6	4.1			
		11295	82.7	53.5	8	16.3	29.4	3.4	5.0			
1200		11300	80.6	55.8	16	30.5	29.7	3.4	6.8			
		11301	74.3	59.0	38	47.9	29.4	3.3	8.4			
		11302	72.6	61.4	50	53.6	32.2	3.6	7.8			
		11303	74.0	60.4	47	51.8	31.3	3.4	8.9			
		11304	72.3	62.5	59	56.7	29.4	3.1	6.9			
		11305	74.1	59.9	46	51.3	29.3	3.0	8.1			
		11310	71.4	61.8	60	56.9	29.3	1.7	7.3			
		11311	76.7	56.9	27	40.7	29.4	1.5	7.8			
		11312	76.9	55.2	22	35.0	29.5	1.9	8.3			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-006
AIRCRAFT DATA FLIGHT NUMBER 01 DATA DATE 09/10/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE		11313	76.3	55.4	23	36.1	29.7	2.5	8.9			
		11314	79.6	53.4	13	23.3	29.4	2.7	6.5			
		11315	82.4	52.6	5	6.4	29.3	2.8	6.3			
	1400	11320	82.4	52.1	5	4.3	29.4	2.8	5.2			
		11321	82.5	52.2	5	4.3	29.7	3.0	4.5			
		11322	82.3	52.5	5	6.4	29.6	3.5	4.5			
	1700	11323	82.2	52.4	5	6.4	29.6	3.5	5.1			
		11324	82.2	52.4	5	6.4	29.6	3.7	4.3			
		11325	82.3	52.0	5	4.3	29.4	3.9	4.5			
	1900	11330	82.5	51.4	4	0.1	29.3	4.0	4.3			
		11331	82.5	51.1	4	- 2.3	29.6	4.3	4.2			
		11332	82.1	50.9	4	- 0.4	29.4	4.5	3.8			
	2200	11333	81.8	51.0	4	1.7	29.4	4.7	3.2			
		11334	81.9	51.4	5	3.5	29.4	4.6	3.5			
		11335	81.6	51.0	5	3.0	29.2	4.7	3.4			
	2500	11340	81.4	50.7	2	-13.4	29.3	4.8	3.8			
		11341	81.1	50.4	2	-13.4	29.5	5.0	3.7			
		11342	81.6	50.4	2	-19.2	29.3	4.9	3.6			
		11343	81.8	50.5	2	-20.5	29.5	4.8	3.8			
		11344	81.6	50.3	2	-20.5	29.4	4.7	3.8			
		11345	81.8	50.3	1	-23.3	29.6	4.9	3.7			
		11350	82.0	50.3	1	-26.7	29.4	5.0	3.5			
		11351	82.5	50.4	1	-30.9	29.5	5.0	3.9			
		11352	82.9	50.6	1	-30.9	29.5	5.1	3.8			
		11353	83.2	50.8	1	-30.9	29.4	5.1	3.7			
		11354	82.7	50.9	3	- 3.9	29.4	5.1	3.8			
		11355	82.7	51.2	4	- 2.7	29.4	5.0	3.6			
		11360	82.8	51.8	4	0.6	29.4	5.1	3.9			
		11361	83.1	52.0	4	0.1	29.1	5.2	3.7			
		11362	83.2	52.1	4	0.1	29.7	5.2	3.8			
		11363	83.3	52.0	4	- 1.5	29.3	5.2	3.9			
		11364	83.2	52.1	4	0.1	29.4	5.3	3.6			
		11365	83.4	52.1	4	- 1.5	29.4	5.2	3.6			
		11370	83.4	51.9	4	- 2.7	29.3	5.1	3.8			
		11371	83.4	51.8	3	- 3.1	29.2	5.1	3.7			
		11372	83.6	51.9	3	- 3.5	29.4	5.1	3.7			
		11373	83.4	52.0	4	- 2.3	29.2	5.0	3.9			
		11374	83.2	52.0	4	- 0.4	29.5	5.1	3.8			
		11375	83.5	52.2	4	- 1.5	29.5	5.0	3.8			
		11380	83.4	51.8	3	- 3.1	29.5	5.1	3.9			
		11381	83.5	51.9	3	- 3.1	29.4	5.1	3.9			
		11382	83.5	51.7	3	- 3.9	29.4	5.1	3.8			
		11391	83.5	55.3	11	24.5	29.6	5.0	5.2			
		11392	83.6	54.2	8	15.7	29.4	4.8	4.7			
		11393	83.4	55.6	12	25.3	29.4	5.0	5.0			
		11394	83.6	54.4	8	16.3	29.4	5.0	5.0			
		11395	84.0	54.2	7	14.6	29.6	5.1	5.0			
		11400	84.1	52.8	6	9.8	30.1	4.9	4.9			
		11401	83.9	52.9	6	10.8	29.5	4.9	4.3			
		11402	82.9	53.5	8	15.7	29.4	5.2	4.2			
		11403	82.2	54.1	9	19.1	29.5	5.0	4.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-007
AIRCRAFT DATA FLIGHT NUMBER 01 DATA DATE 09/10/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE		11404	82.7	52.7	8	14.0	29.5	4.9	4.3			
		11405	83.0	51.9	4	0.1	29.4	4.8	4.2			
		11410	83.0	51.8	4	- 0.4	29.5	4.7	4.1			
		11411	82.9	51.5	4	- 2.3	29.5	4.7	3.8			
		11412	83.0	51.5	4	- 2.7	29.4	4.8	3.8			
COMMERCE		11413	83.4	51.4	3	- 5.2	29.6	4.6	4.0			
		11414	83.2	51.8	4	- 2.3	29.3	5.2	3.9			
	2500	11415	83.4	51.9	4	- 2.7	29.3	5.2	3.6			
		11420	82.8	52.0	4	1.7	29.5	5.0	3.9			
		11421	83.0	52.1	4	1.1	29.4	4.8	3.8			
		11422	83.6	51.9	3	- 3.5	29.0	3.9	3.6			
		11423	83.6	51.9	3	- 3.5	29.6	3.9	4.0			
		11424	83.6	52.1	4	- 2.7	29.4	3.8	4.0			
		11425	83.8	52.3	4	- 2.7	31.6	4.7	4.1			
		11430	83.6	52.1	4	- 2.7	33.3	5.2	3.8			
		11431	83.7	52.2	4	- 2.7	29.4	4.7	3.9			
	2000	11432	83.1	52.0	4	0.1	29.5	4.8	3.6			
		11433	82.9	51.8	4	0.1	29.4	4.6	4.2			
		11434	82.9	51.7	4	- 0.4	29.3	4.3	4.6			
	1800	11435	82.9	51.8	4	0.1	29.4	4.5	4.4			
		11440	82.9	51.8	4	0.1	29.4	4.3	4.7			
		11441	83.1	52.0	4	0.1	29.6	4.1	4.1			
		11442	82.3	53.2	8	16.5	29.7	4.5	4.4			
		11443	82.4	52.4	5	5.6	29.4	4.2	5.2			
		11444	81.8	53.2	9	17.8	29.5	3.6	5.4			
	1500	11445	79.7	56.7	21	36.9	29.4	3.7	8.3			
		11450	78.8	56.3	23	37.5	29.5	3.6	9.0			
		11451	77.8	58.2	31	43.9	29.5	2.9	10.3			
	1300	11452	74.4	60.8	44	51.8	31.6	4.1	9.5			
		11453	74.7	63.2	51	55.6	35.6	4.2	7.7			
		11454	75.7	62.8	49	54.6	29.4	3.8	9.4			
		11455	75.3	64.0	55	58.0	29.5	3.7	10.0			
		11460	75.8	63.2	49	54.9	29.6	3.6	9.8			
		11461	75.6	63.4	50	55.1	29.3	3.2	10.7			
	1200	11462	75.6	63.7	54	57.6	29.4	3.3	10.7			
		11463	75.8	64.0	54	57.6	29.6	3.2	8.8			
		11464	75.4	63.7	55	57.7	29.3	3.4	8.8			
		11465	76.0	63.4	49	54.9	29.6	3.0	7.8			
		11470	75.4	63.7	55	57.7	31.2	2.8	8.2			
		11471	75.7	63.9	54	57.6	29.4	3.0	8.1			
		11472	75.7	63.9	54	57.6	29.6	2.6	8.2			
		11473	76.3	64.3	51	57.5	29.4	2.5	7.7			
		11474	76.4	64.5	51	57.6	29.5	2.5	8.8			
	700	11475	76.5	64.8	51	57.7	27.5	3.0	9.2			
		11480	77.0	65.2	51	57.6	31.6	1.9	8.6			
		11481	77.0	65.3	56	59.9	31.3	2.3	7.2			
	500	11482	78.1	65.1	47	56.9	29.3	1.7	8.3			
		11483	77.9	65.3	51	59.4	31.7	1.8	9.0			
		11484	77.7	65.3	55	59.5	29.4	2.0	8.6			
	600	11485	76.3	64.8	52	57.8	29.6	2.4	7.3			
		11490	76.0	64.2	54	57.6	31.5	2.9	7.0			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-008
AIRCRAFT DATA FLIGHT NUMBER 01 DATA DATE 09/10/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE		11491	75.4	64.0	55	57.9	31.1	2.9	8.3			
	900	11492	75.3	63.7	55	57.8	29.3	2.3	9.0			
		11493	74.8	63.7	55	58.1	29.5	1.8	9.6			
		11494	74.7	63.2	51	55.6	29.5	1.9	10.4			
	1100	11495	74.6	63.7	56	58.2	29.4	2.4	10.3			
		11500	74.2	63.7	60	58.5	29.5	2.3	11.4			
		11501	73.8	63.1	55	56.1	29.5	3.9	11.9			
		11502	75.3	62.9	49	55.0	29.5	4.0	11.3			
		11503	75.0	62.2	49	54.7	29.3	3.8	14.4			
		11504	78.3	61.5	35	49.2	29.5	3.6	13.3			
	1400	11505	82.1	55.4	13	27.3	29.6	3.8	9.9			
		11510	82.2	52.9	8	16.0	29.5	3.8	6.8			
		11511	82.7	52.2	5	3.5	29.5	4.0	5.9			
		11512	82.5	52.0	5	3.5	29.4	3.9	5.4			
		11513	82.1	51.8	5	4.3	29.5	4.6	5.0			
		11514	82.8	51.8	4	0.6	31.5	4.7	5.1			
	1700	11515	82.7	51.8	4	1.1	29.3	3.6	5.8			
		11520	82.9	52.1	4	1.7	30.1	3.8	5.3			
		11521	83.4	51.8	3	- 3.1	29.5	3.0	5.2			
		11522	83.2	52.3	4	1.1	29.4	4.3	4.6			
		11523	83.4	52.6	4	1.7	29.7	4.2	4.9			
		11524	83.4	52.6	4	1.7	29.5	3.8	4.6			
	2200	11525	83.0	52.9	7	13.7	29.7	4.3	4.8			
		11530	82.8	52.3	5	3.5	30.0	4.5	4.6			
		11531	82.6	52.6	5	5.6	29.2	4.4	4.9			
	2400	11532	82.9	52.1	4	1.7	29.7	4.3	4.6			
		11533	82.7	52.3	5	3.9	31.5	5.0	4.5			
		11534	82.9	52.0	4	1.1	29.5	4.8	4.3			
	2500	11535	82.7	52.1	5	3.0	29.2	4.4	4.6			
		11540	82.7	52.0	5	2.3	29.5	4.4	4.9			
		11541	82.9	52.1	4	1.7	29.4	4.4	4.7			
		11542	83.3	51.6	3	- 3.5	29.4	4.4	4.9			
		11543	83.2	51.6	4	- 3.1	29.4	3.8	5.5			
		11544	83.4	51.8	3	- 3.1	30.1	4.1	4.6			
		11545	83.4	51.8	3	- 3.1	29.6	4.2	4.6			
		11550	83.4	51.6	3	- 3.9	29.4	4.6	4.5			
		11551	83.7	51.6	3	- 5.9	29.6	4.9	4.2			
		11552	83.5	51.7	3	- 3.9	29.5	4.5	4.9			
		11553	83.3	52.5	4	1.7	29.6	4.5	5.2			
		11554	83.4	54.0	8	15.7	29.4	4.3	5.6			
		11555	83.1	54.3	9	17.3	29.4	3.9	6.5			
		11560	83.4	54.2	8	16.3	29.5	4.4	5.9			
		11561	83.1	54.3	9	17.3	29.4	4.0	5.7			
		11562	82.9	55.4	13	25.8	29.6	3.9	6.0			
		11564	83.0	55.5	13	25.8	29.4	4.6	5.7			
		11565	83.1	55.8	13	26.2	29.5	4.7	5.6			
		11570	83.2	56.0	13	26.4	29.0	4.7	6.1			
		11571	83.6	55.1	11	23.9	29.5	4.7	5.6			
		11572	83.6	55.4	11	24.5	29.6	4.7	5.4			
		11573	83.5	55.0	11	23.9	29.5	4.6	5.7			
		11574	83.0	55.8	13	26.4	29.6	4.7	5.5			

SCOTT RESEARCH LAPORATORIES. CPA70-611421113SR043 RUN DATE 02/06/70-009
AIRCRAFT DATA FLIGHT NUMBER 01 DATA DATE 09/10/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE		11575	83.1	56.1	13	26.8	29.5	4.8	5.6			
		11580	84.1	55.4	11	23.5	29.1	4.9	5.6			
		11581	83.9	55.5	11	24.1	28.9	4.9	5.3			
		11582	83.6	55.9	12	25.5	29.8	5.0	5.3			
		11583	83.7	55.8	11	25.1	29.5	5.2	5.6			
		11584	83.7	55.8	11	25.1	31.5	5.4	5.6			
		11585	84.0	55.5	11	23.9	31.5	5.3	6.2			
		11590	84.0	55.5	11	23.9	30.5	5.7	5.9			
		11591	83.9	55.4	11	23.9	29.6	5.5	5.8			
		11592	83.7	55.7	11	24.9	29.6	5.3	5.7			
		11593	83.9	56.4	14	30.5	29.6	5.0	5.8			
		11594	83.2	55.9	13	26.2	29.5	4.5	5.6			
		11595	83.4	56.4	15	31.3	29.6	4.4	5.9			
		12000	83.6	56.4	15	31.0	29.6	4.7	6.0			
		12001	84.0	56.8	15	31.0	29.6	4.8	5.9			
		12002	83.1	57.0	17	32.7	29.5	4.7	6.1			
		12003	82.8	57.0	17	33.1	29.6	4.6	6.6			
		12004	82.5	56.7	17	33.1	29.6	4.4	6.5			
		12005	83.4	56.4	15	31.3	29.7	4.5	6.9			
		12010	83.5	56.2	12	26.2	29.6	4.5	6.4			
		12011	82.5	58.0	18	34.9	29.4	4.7	8.2			
		12012	83.4	56.7	15	31.8	29.5	4.5	7.2			
		12013	83.6	56.6	15	31.3	29.1	4.6	6.6			
		12014	83.3	56.5	15	31.6	29.8	4.3	6.4			
		12015	83.7	56.3	14	30.7	29.5	4.2	6.6			
		12020	83.4	56.3	15	31.2	29.6	4.4	6.4			
		12021	83.4	56.4	15	31.3	29.6	4.1	6.4			
		12022	83.2	55.9	13	26.2	29.6	4.2	6.6			
		12023	83.2	55.6	12	25.6	29.6	4.3	5.8			
		12024	83.4	53.9	8	15.4	29.6	4.2	5.6			
		12025	83.2	54.4	9	17.3	29.3	4.5	5.0			
		12030	83.6	52.9	7	11.8	29.4	4.6	4.5			
		12031	83.7	52.4	4	- 1.5	29.6	5.3	4.0			
		12032	83.9	52.1	3	- 3.9	30.7	5.8	4.0			
		12033	83.6	52.4	4	- 0.4	29.5	4.5	4.6			
		12034	83.6	52.6	4	0.6	29.5	3.7	5.0			
		12035	83.6	52.6	4	0.6	29.6	3.4	4.8			
		12040	83.2	53.0	7	13.4	29.6	3.6	4.9			
		12041	82.9	54.1	9	17.3	29.7	3.5	5.2			
		12042	82.7	54.7	12	24.9	29.6	3.4	6.4			
		12043	83.2	55.4	12	25.3	29.5	3.8	6.3			
		12044	83.0	56.1	13	27.0	29.5	4.0	6.4			
		12045	82.9	57.0	17	33.0	29.5	3.9	8.0			
		12050	82.3	57.8	18	34.9	29.6	4.2	8.2			
		12051	82.0	58.3	22	39.5	29.7	3.9	9.4			
		12052	82.0	58.1	22	39.3	29.6	4.2	9.4			
		12053	82.2	58.4	22	39.4	29.7	4.3	9.4			
		12054	81.9	58.4	22	39.7	29.6	4.3	9.4			
		12055	81.8	58.0	19	35.9	29.5	4.1	10.3			
		12060	81.6	56.2	15	29.5	29.6	4.1	9.9			
		12061	81.7	55.8	14	28.7	29.7	4.1	8.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-010
AIRCRAFT DATA FLIGHT NUMBER 01 DATA DATE 09/10/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE		12062	81.4	55.7	15	29.0	29.8	4.3	8.6			
		12063	81.3	56.2	16	30.0	29.6	4.3	8.4			
		12064	81.0	56.5	19	34.9	29.7	4.3	7.4			
EL MONTE	2500	12070	81.0	56.0	16	30.2	29.6	3.9	9.4			
		12071	80.7	56.1	16	30.8	29.6	3.6	8.5			
		12072	81.0	56.1	16	30.4	29.4	4.1	7.1			
	2400	12073	81.3	55.9	16	29.5	29.5	4.0	7.1			
		12074	81.6	56.1	15	29.4	29.7	4.1	7.6			
		12075	81.5	56.7	18	34.5	29.8	4.2	8.8			
		12080	81.6	57.3	18	35.2	29.6	4.4	9.4			
		12081	81.6	58.8	23	40.5	29.4	4.6	12.3			
		12082	81.9	59.9	26	44.5	31.0	4.7	13.7			
	2100	12083	82.1	62.8	32	49.8	31.7	4.6	18.3			
		12084	82.2	63.6	36	53.0	31.6	4.5	20.3			
		12085	82.1	64.8	38	53.9	31.1	4.5	22.4			
	1800	12090	82.3	68.0	48	60.6	32.7	4.7	28.4			
		12091	81.3	70.1	58	64.5	32.4	4.8	34.1			
		12092	82.4	70.7	58	66.3	32.1	4.9	34.0			
	1700	12093	83.3	72.1	56	66.6	30.3	5.2	28.6	0.6	3.7	0.8
		12094	83.2	68.7	48	60.5	31.8	4.8	28.9			
		12095	83.5	69.2	49	62.9	31.9	4.9	20.4			
		12100	83.9	70.0	49	63.1	31.3	5.0	17.8			
		12101	83.4	70.9	54	66.0	31.3	4.7	17.9			
		12102	82.1	73.0	65	69.6	30.5	5.1	17.7	2.4	5.1	5.7

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-011
AIRCRAFT DATA FLIGHT NUMBER 02 DATA DATE 09/11/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE		10042	71.9	63.5	66	59.7	28.9	0.1	4.8			
		10043	72.3	62.9	60	57.0	27.9	0.6	5.7			
		10051	70.1	62.7	67	58.3	28.9	1.1	6.9			
		10052	69.8	62.4	67	58.3	30.8	0.9	7.6			
	700	10053	69.8	62.6	67	58.4	31.2	1.0	8.1			
		10054	69.3	61.0	61	55.6	31.1	1.4	8.5			
		10055	68.9	61.7	67	58.4	30.6	1.7	8.3			
		10060	68.9	61.1	61	55.9	31.7	1.7	9.1			
		10061	69.1	59.9	59	55.0	30.6	1.9	10.5			
		10062	68.9	59.9	60	55.1	28.6	1.9	11.8			
	1000	10063	68.7	59.9	64	55.3	30.6	1.9	14.9			
		10064	68.7	60.5	65	55.7	28.6	1.4	13.6			
		10065	68.4	60.8	66	56.1	31.2	1.1	14.0			
	1200	10070	71.0	55.6	35	42.5	31.7	1.6	13.7			
		10071	75.5	51.6	14	23.1	31.6	2.0	9.1			
		10072	76.0	52.1	14	23.1	31.2	2.1	7.5			
		10073	76.4	54.8	22	35.2	31.0	2.1	8.3			
		10074	79.0	54.7	18	31.3	31.6	2.1	8.9			
		10075	79.9	54.3	13	24.6	33.5	2.1	8.5			
	1500	10080	80.4	51.5	7	9.8	33.9	2.1	8.2			
		10081	80.6	51.0	6	7.2	31.4	2.1	5.0			
		10082	80.7	51.7	7	9.4	30.9	2.6	5.3			
		10083	81.1	52.7	10	18.3	29.8	2.6	5.7			
		10084	80.8	53.0	10	19.8	29.2	2.6	8.5			
		10085	80.6	52.7	10	19.6	29.0	2.5	7.2			
		10090	80.6	52.6	8	12.7	31.3	2.8	6.1			
		10091	80.8	53.7	11	21.4	28.7	2.5	7.5			
		10092	80.8	53.6	11	21.2	28.4	2.6	9.0			
		10093	80.4	53.5	11	21.9	32.1	2.6	8.2			
		10094	80.6	53.0	11	20.3	29.0	2.7	9.1			
		10095	80.7	52.8	10	19.6	29.0	2.7	9.0			
		10100	80.6	52.6	8	12.7	31.6	2.6	7.2			
		10101	80.7	52.3	7	11.4	32.0	2.7	7.2			
		10102	81.3	52.2	6	9.1	31.4	2.7	6.3			
	2400	10103	80.7	52.1	7	10.8	29.0	2.7	5.6			
		10104	80.4	52.1	7	11.8	29.3	2.9	5.1			
		10105	80.2	51.8	7	11.4	31.3	3.0	6.0			
	2600	10110	80.0	51.7	7	11.8	26.8	2.8	5.4			
		10111	79.7	51.3	7	11.4	31.2	2.7	5.2			
		10112	79.5	50.6	5	- 0.2	31.5	2.7	4.8			
	2800	10113	79.2	50.3	5	- 0.2	29.2	2.8	4.2			
		10114	79.1	49.8	4	- 3.0	29.6	2.7	4.6			
		10115	78.6	49.7	5	- 0.2	30.1	2.6	4.7			
	3000	10120	79.1	49.9	4	- 2.6	30.7	2.7	4.5			
		10121	79.2	49.9	4	- 3.0	28.4	3.2	4.4			
		10122	79.5	50.3	4	- 2.6	29.0	3.1	4.5			
		10123	79.9	50.3	4	- 4.4	28.9	3.0	4.5			
		10124	80.0	50.7	4	- 3.0	30.2	3.3	3.9			
		10125	80.0	50.6	4	- 3.4	30.7	3.2	4.5			
		10130	80.0	50.6	4	- 3.4	28.8	3.2	4.7			
		10131	80.1	50.7	4	- 3.4	29.1	3.0	4.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-012
AIRCRAFT DATA FLIGHT NUMBER 02 DATA DATE 09/11/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE		10132	80.4	50.7	3	- 5.1	33.0	2.9	4.0			
		10133	80.5	51.1	6	8.0	31.9	2.8	3.9			
		10134	80.2	50.9	6	8.3	29.9	2.8	5.1			
		10135	80.4	50.9	6	7.6	3_.4	2.8	5.0			
		10140	80.3	50.8	4	- 3.8	30.5	2.8	4.9			
		10141	80.6	50.9	6	6.8	31.7	2.7	4.5			
		10142	80.4	50.8	4	- 4.4	30.0	2.8	4.3			
		10143	80.4	51.0	6	8.0	31.4	2.6	4.8			
		10144	80.4	51.1	6	8.3	30.2	2.6	4.9			
COMMERCE		10200	80.4	50.0	3	-10.6	29.1	2.6	5.2			
	2100	10201	80.9	50.3	3	-12.5	30.6	2.6	5.7			
		10202	81.3	50.3	2	-16.8	27.4	2.8	5.4			
		10203	80.6	51.6	7	9.4	26.3	2.8	5.3			
	1900	10204	80.2	52.4	8	13.4	27.7	2.8	5.7			
		10205	80.0	52.7	11	21.0	27.5	2.9	5.8			
		10210	78.8	52.4	10	17.3	30.0	2.9	5.2			
		10211	77.9	54.1	15	27.9	31.1	3.1	6.4			
		10212	75.3	54.6	24	36.4	29.9	3.3	7.9			
		10213	70.4	57.6	45	47.6	29.4	3.2	8.3			
	1500	10214	70.0	58.7	52	51.2	28.8	3.1	7.9			
		10222	68.3	60.0	65	55.6	30.4	2.1	10.7			
		10223	68.0	60.6	66	56.2	27.1	2.2	11.2			
	1000	10224	68.4	60.8	66	56.1	24.6	1.4	13.2			
		10225	68.7	61.2	66	56.1	26.6	1.1	11.9			
		10230	69.6	61.6	61	55.8	26.8	0.9	12.9			
	800	10231	69.8	61.8	66	57.9	25.1	0.9	11.6			
		10232	70.1	62.0	66	57.8	24.3	0.8	11.7			
		10233	71.0	62.2	61	57.4	18.9	1.1	11.7			
		10234	71.2	62.3	61	57.3	17.1	1.2	12.7			
		10235	71.4	62.5	61	57.3	21.5	0.5	13.8			
		10240	70.9	62.2	61	57.5	22.3	0.7	11.5	1.7	8.6	6.4
		10241	70.9	62.2	61	57.5	20.2	0.9	11.5			
		10242	70.4	61.5	60	55.2	20.8	1.2	9.4			
		10243	71.2	61.9	60	57.1	24.0	1.3	9.2			
		10244	70.8	61.7	60	57.2	23.4	1.4	9.0			
		10245	70.4	61.8	65	57.5	22.5	1.5	9.0			
		10250	69.8	61.6	61	55.7	23.4	1.6	9.5			
	900	10251	69.8	61.3	60	55.5	25.3	1.6	9.1			
		10252	69.3	61.2	61	55.7	30.1	1.5	10.6			
		10253	68.9	61.1	61	55.9	29.9	1.8	10.4			
	1000	10254	69.5	61.3	61	55.7	27.7	1.6	10.4			
		10255	69.7	61.1	60	55.4	19.5	1.3	12.9			
		10260	69.0	61.3	62	56.0	26.8	1.4	12.1	0.1	3.1	6.2
		10261	68.8	61.0	65	55.9	24.9	1.2	12.7			
		10262	68.8	60.7	65	55.7	21.9	1.5	11.9			
		10263	68.6	60.9	66	56.0	20.7	1.8	12.4			
		10264	68.7	60.6	65	55.7	22.6	2.3	11.6			
		10265	68.5	60.9	66	56.1	26.7	2.1	11.1			
		10270	68.4	60.8	66	56.1	26.5	2.1	11.3			
		10271	67.8	60.8	67	56.5	26.0	2.4	10.9			
		10272	69.1	59.7	55	52.7	27.2	2.4	10.3			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-013
AIRCRAFT DATA FLIGHT NUMBER 02 DATA DATE 09/11/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE		10273	68.9	59.0	54	52.3	25.9	2.7	9.9			
		10274	68.7	58.8	57	52.3	27.2	2.7	10.0			
		10275	68.6	57.9	51	49.4	30.9	2.4	10.1			
		10280	70.3	56.5	44	46.7	31.3	2.0	9.5			
	1500	10281	70.1	56.7	44	47.1	31.3	2.2	10.0			
		10282	72.2	56.1	34	41.8	31.1	2.1	9.3			
		10283	69.3	58.6	53	51.7	22.4	2.1	11.2			
		10284	71.9	57.9	41	46.5	30.3	1.7	10.3	1.2	5.1	3.9
		10285	71.7	57.8	41	46.6	30.5	1.6	12.7			
		10290	75.8	53.8	20	30.9	30.8	1.8	9.9			
		10291	79.0	53.5	14	24.8	31.4	1.7	9.3			
		10292	79.7	52.1	8	14.0	29.5	2.0	8.4			
		10293	80.2	52.3	8	13.0	30.1	2.1	6.8			
	1700	10294	81.2	52.5	7	10.5	22.9	2.3	5.9			
		10295	81.3	52.1	6	8.7	22.7	2.5	6.3			
		10300	81.2	51.9	6	8.3	24.7	2.5	6.6			
	1900	10301	81.3	51.8	6	7.6	25.7	2.7	6.1			
		10302	81.3	51.6	6	6.8	31.3	2.7	6.3			
		10303	81.3	51.5	6	6.4	29.2	2.7	5.8			
		10304	81.6	50.7	2	-15.6	28.3	2.7	5.4			
		10305	81.2	50.6	3	-12.5	28.2	2.7	5.3			
		10310	80.9	50.3	3	-12.5	28.3	2.7	4.7			
	2200	10311	80.7	50.2	3	-11.5	28.5	2.7	4.3			
		10312	80.7	51.1	6	7.2	26.1	2.6	4.5			
		10313	80.4	51.1	6	8.3	28.0	2.5	4.2			
		10314	80.1	51.0	6	9.1	28.0	2.3	4.1			
		10315	79.9	50.6	4	- 3.0	30.0	2.2	4.2			
		10320	79.9	50.2	3	- 5.1	28.5	2.1	4.1			
	2500	10321	80.3	49.4	2	-15.6	31.2	2.2	3.9			
		10322	80.2	49.2	2	-16.8	31.1	2.0	4.2			
		10323	80.0	48.9	0	-30.9	27.6	2.1	4.5			
		10324	79.9	48.8	0	-30.9	23.0	2.1	4.4			
		10325	79.5	48.6	0	-30.9	27.2	1.2	4.9			
		10330	79.3	48.3	0	-30.9	28.8	1.4	4.0			
		10331	79.0	48.1	0	-30.9	28.9	1.7	4.2			
		10332	78.8	48.0	0	-30.9	29.0	1.9	4.1			
		10333	79.2	48.0	0	-30.9	29.3	1.9	4.0			
		10334	79.7	48.2	0	-30.9	29.0	1.5	4.4			
		10335	79.8	48.3	0	-30.9	29.6	1.9	4.5			
		10340	79.9	48.3	0	-30.9	29.5	1.9	5.2			
		10341	79.9	48.2	0	-30.9	31.3	1.9	4.4			
		10342	79.9	48.2	0	-30.9	31.4	1.6	5.3			
		10343	80.0	48.1	0	-30.9	30.6	2.2	4.1			
		10344	79.9	48.3	0	-30.9	26.0	2.1	4.5			
		10345	79.6	48.0	0	-30.9	22.1	2.5	3.7			
		10350	79.9	48.0	0	-30.9	22.6	2.4	4.1			
EL MONTE		10423	79.3	54.7	17	30.8	23.0	0.7	8.6			
		10424	78.8	54.4	15	26.9	23.3	0.8	8.3			
		10425	76.0	56.7	30	41.2	23.8	0.9	8.9			
		10430	75.5	59.6	38	47.6	22.4	0.8	10.2	2.8	4.9	3.4
		10431	70.6	60.6	58	54.4	21.6	0.9	10.9			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-014
AIRCRAFT DATA FLIGHT NUMBER 02 DATA DATE 09/11/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE		10432	70.8	62.0	61	57.4	21.5	0.7	11.1			
		10433	71.1	62.5	61	57.5	20.8	0.6	11.2			
		10434	71.7	62.2	60	56.9	23.0	0.4	11.0			
		10435	72.1	62.2	59	56.7	28.3	0.3	11.1			
		10440	71.7	61.3	54	54.1	20.8	0.0	13.5			
		10441	71.7	60.8	53	53.8	20.8	0.2	12.6			
		10442	71.8	60.3	53	53.4	22.2	0.1	13.2			
		10443	71.5	60.0	53	53.4	21.7	0.0	13.8			
		10444	70.9	61.9	61	57.3	21.8	0.2	12.6			
		10445	71.8	60.5	53	53.5	17.0	0.7	13.6			
		10450	70.9	60.5	54	54.1	21.2	0.4	15.6	1.1	2.9	5.6
		10451	72.0	59.6	47	50.3	19.2	0.3	15.3			
		10452	71.6	59.9	52	53.2	20.8	0.5	15.0			
		10453	71.6	60.8	54	53.9	25.6	0.6	12.3			
		10454	71.9	61.3	54	54.0	22.2	0.6	11.0			
		10455	72.1	61.9	59	56.5	20.5	0.5	10.4			
		10460	72.6	62.1	55	56.3	16.9	0.7	10.6			
	700	10461	73.3	62.4	55	56.0	17.1	0.6	11.9			
		10462	73.8	62.8	54	56.0	18.0	0.5	13.1			
		10463	74.0	63.1	55	56.0	17.5	0.4	13.8			
		10464	74.6	63.4	51	55.8	16.7	0.1	13.7			
		10465	74.9	64.0	56	58.2	17.3	0.1	12.8			
		10470	73.9	64.9	62	59.4	16.9	0.0	16.9			
		10471	74.4	65.9	63	61.7	16.8	0.1	15.7			
		10472	74.4	65.7	63	61.6	16.7	0.1	15.2			
		10473	74.8	65.7	62	61.4	16.1	0.0	12.9			
		10474	74.4	67.1	69	64.4	16.1	0.0	12.3			
		10475	74.5	67.2	69	64.4	16.3	0.1	12.1			
		10481	74.5	67.1	69	64.4	15.7	0.0	11.9			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-015
AIRCRAFT DATA FLIGHT NUMBER 03 DATA DATE 09/11/69

LOCATION	ALT	TIME	TMPDR	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE		12010	77.4	69.2	69	66.0	25.9	0.1	10.1			
		12011	77.2	69.5	69	66.2	26.0	0.1	9.8			
		12012	77.6	69.4	69	66.0	24.6	0.1	10.2			
		12013	78.0	68.7	59	63.4	24.8	0.0	9.7			
		12014	77.7	69.2	69	65.8	25.0	0.0	9.7			
		12015	77.9	69.2	64	65.7	25.0	0.0	9.2			
		12020	78.0	69.2	64	65.7	25.1	0.0	8.8			
		12021	78.1	69.0	64	65.5	25.2	0.0	8.5			
		12022	78.1	68.8	59	63.4	25.1	0.0	8.3			
		12023	76.9	68.9	69	66.1	25.0	0.0	7.9			
		12024	77.9	69.2	64	65.7	25.3	0.0	8.1			
		12025	76.1	68.9	70	66.5	25.9	0.1	7.6			
		12030	77.9	68.7	59	63.4	26.2	0.1	9.4			
		12031	76.4	65.7	57	60.5	25.5	0.5	11.2			
		12032	74.8	64.6	56	58.6	25.0	0.6	12.3			
		12033	74.5	64.2	56	58.6	24.9	0.7	12.6			
		12034	51.9	64.0	100	70.1	25.2	0.9	18.7			
		12035	73.2	63.7	61	59.1	26.3	0.9	12.4			
	700	12041	72.4	63.4	61	57.3	26.9	0.9	12.8			
		12044	72.7	63.1	56	56.9	31.4	0.9	12.7			
		12045	71.3	62.3	61	57.3	27.3	1.4	13.3			
	1100	12050	70.3	62.2	66	57.8	24.3	1.7	13.2			
	700	12051	70.1	61.9	66	57.8	27.7	1.7	13.3			
		12054	70.2	61.9	65	57.7	29.4	1.6	14.0			
		12055	70.5	62.5	66	57.9	29.5	1.8	14.9			
		12060	70.7	62.8	62	58.0	30.5	1.8	14.6			
		12061	71.9	61.5	54	54.1	30.9	1.8	14.7			
		12062	71.5	61.2	54	54.2	31.4	1.5	14.7			
		12063	72.4	59.5	46	49.9	30.9	1.8	14.3			
		12064	73.8	55.0	28	38.7	32.4	1.5	13.3			
		12065	74.5	53.8	21	32.9	31.5	1.9	11.0			
		12070	76.9	51.1	11	18.8	30.6	1.9	8.2			
		12071	78.0	51.1	9	15.9	31.7	2.0	7.3			
		12072	78.3	51.2	9	15.4	29.1	2.1	7.0			
		12073	78.1	51.2	9	15.9	29.2	2.6	6.4			
		12074	79.0	50.7	5	3.1	29.0	2.6	6.8			
	2200	12075	79.1	50.6	5	1.9	29.2	2.6	6.7			
		12080	79.3	51.1	8	12.1	29.1	2.5	7.9			
		12081	78.8	51.1	8	13.7	31.0	2.5	6.6			
		12082	79.2	50.3	5	- 0.2	31.3	2.5	6.5			
		12083	79.5	48.6	0	-30.9	31.8	2.7	5.2			
		12084	79.8	49.2	3	-12.5	28.7	2.7	5.0			
		12085	80.1	48.9	0	-30.9	30.0	2.7	4.7			
		12090	79.8	48.7	0	-30.9	29.6	2.8	4.3			
		12091	79.8	48.9	0	-30.9	28.5	2.8	4.0			
	2600	12092	79.5	48.9	0	-30.9	31.7	2.5	4.3			
		12093	79.3	48.9	1	-30.9	31.4	2.5	5.6			
		12094	79.2	48.8	1	-30.9	32.1	2.3	4.8			
		12095	78.9	48.7	1	-30.9	29.1	2.5	3.8			
	2800	12100	78.7	48.6	1	-30.9	29.4	2.7	3.9			
			78.3	48.4	1	-30.9	29.1	2.7	3.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-016
AIRCRAFT DATA FLIGHT NUMBER 03 DATA DATE 09/11/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE		12101	78.2	48.3	1	-30.9	29.0	2.9	3.7			
		12102	77.9	48.5	2	-24.1	29.2	2.9	3.9			
		12103	78.3	48.5	1	-30.9	29.1	2.8	3.3			
		12104	78.6	48.6	1	-30.9	29.1	2.8	3.7			
		12105	78.6	48.3	1	-30.9	29.1	2.9	3.7			
COMMERCE		12162	79.7	50.4	4	- 3.0	29.1	2.8	4.3			
	2000	12163	78.3	51.2	9	15.4	29.2	2.7	4.7			
		12164	78.0	51.5	10	17.0	29.2	2.7	4.8			
		12165	71.2	53.8	29	37.3	32.1	2.8	6.8			
		12170	69.1	57.7	47	48.8	30.2	2.9	10.5			
		12171	67.0	59.9	71	56.4	30.1	1.9	13.5			
		12172	66.3	60.3	73	57.1	29.2	2.2	12.0			
	1400	12173	66.3	60.4	73	57.2	31.0	2.4	12.2			
		12174	66.7	60.6	72	57.1	29.1	1.9	14.1			
		12175	66.7	60.7	73	57.1	30.8	2.3	14.0			
	1300	12180	67.7	60.8	67	56.5	28.0	2.3	11.4			
		12184	68.4	61.4	67	56.5	31.4	1.8	9.9			
		12185	68.3	61.4	67	56.5	31.3	1.3	10.0			
	800	12190	67.5	61.4	68	57.1	29.0	1.9	9.0	0.1	6.9	5.1
		12191	68.1	61.4	67	56.7	25.9	1.7	10.8			
		12192	69.3	61.6	62	56.0	28.7	1.3	9.1			
		12193	69.6	61.9	66	58.1	29.1	1.3	11.5			
		12194	69.1	61.9	67	58.4	29.3	1.3	9.1			
		12195	68.9	62.0	68	58.6	28.9	1.2	9.5			
		12200	68.9	62.0	68	58.6	30.4	1.1	9.8			
		12201	67.8	61.7	73	59.1	28.7	1.5	8.0			
		12202	68.0	61.7	73	59.0	30.1	1.4	8.4			
	900	12203	67.5	61.5	68	57.1	31.6	1.9	7.5			
		12204	68.7	61.5	66	56.3	29.3	1.9	7.7			
		12205	67.9	61.2	67	56.7	29.2	2.0	8.1			
		12210	67.3	61.1	68	57.0	29.9	2.2	8.2			
		12211	68.2	61.1	66	56.4	31.8	2.1	9.7			
		12212	68.5	61.2	66	56.3	29.3	2.2	10.3			
		12213	67.7	61.0	67	56.7	31.6	2.6	10.2			
		12214	66.6	60.8	73	57.3	29.3	2.2	9.3			
		12215	66.4	60.4	73	57.1	29.1	2.0	9.5			
		12220	66.4	60.3	72	57.1	31.6	2.4	10.1			
		12221	67.5	59.9	66	56.1	29.5	2.7	12.7	1.7	6.1	4.1
		12222	65.4	59.9	73	57.5	29.2	1.6	10.6			
		12223	66.4	60.2	72	57.0	29.2	1.7	11.9			
		12224	68.1	59.6	59	53.3	29.3	2.2	13.0			
		12225	71.9	56.1	34	42.1	29.4	2.1	10.6			
		12230	68.8	57.5	50	48.9	31.4	2.6	10.4			
		12231	71.2	57.3	41	46.6	31.3	1.3	13.0			
		12232	72.6	55.7	31	40.9	32.3	2.9	7.9			
	1700	12233	72.6	56.6	36	44.6	29.1	2.8	8.9	1.2	1.9	0.5
		12234	72.9	55.9	31	40.8	29.2	3.1	7.4			
		12235	74.5	55.4	26	38.3	29.3	3.3	7.0			
		12240	72.6	55.6	31	40.8	29.1	3.3	6.9			
		12244	78.9	50.0	5	- 0.2	29.3	3.1	5.2			
		12245	79.1	50.0	4	- 2.2	29.2	3.3	5.3			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-017
AIRCRAFT DATA FLIGHT NUMBER 03 DATA DATE 09/11/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE		12250	79.1	49.7	4	3.4	31.2	3.4	5.5			
		12251	78.9	49.3	4	4.4	29.2	2.1	7.8			
		12252	79.6	50.1	4	3.8	29.4	2.9	6.0			
		12253	79.3	50.3	4	1.2	29.1	2.8	7.1			
		12254	79.2	49.9	4	3.0	29.4	2.0	7.3			
		12255	79.3	50.0	4	3.0	29.0	2.6	5.9			
		12260	79.3	50.0	4	3.0	29.3	2.8	5.9			
		12261	79.0	50.0	4	1.2	29.2	2.7	5.9			
		12262	79.0	50.0	4	1.2	31.7	3.0	4.9			
	2400	12263	78.6	49.9	5	0.7	29.3	2.9	4.8			
		12264	78.2	49.7	5	1.9	29.2	3.0	5.5			
		12265	78.7	49.6	4	2.2	29.4	3.1	4.5			
		12270	79.2	49.7	4	3.8	29.3	3.1	3.8			
		12271	79.3	49.8	4	3.8	29.2	3.5	4.2			
		12272	79.7	49.7	3	7.3	29.3	2.7	5.3			
HAWTHORNE		12403	75.2	57.1	31	42.5	29.4	3.8	6.5			
		12404	75.2	57.1	31	42.5	29.4	3.4	6.5			
		12405	75.8	56.0	26	37.5	29.4	3.3	7.1			
		12410	75.9	56.6	30	41.2	29.5	3.2	6.5			
		12411	75.6	56.6	30	41.6	29.3	3.4	6.5			
		12412	75.8	56.0	26	37.5	29.4	3.2	6.4			
		12413	75.5	55.9	26	37.7	29.6	3.3	6.0			
		12414	75.8	56.8	30	41.6	29.3	3.2	6.3			
		12415	76.2	56.9	28	41.2	29.3	3.3	6.4			
		12420	76.2	57.0	28	41.3	29.5	3.3	6.4			
		12421	76.1	56.6	28	41.0	29.1	3.3	6.5			
		12423	75.9	56.4	29	41.0	30.7	4.6	6.4			
		12424	75.7	57.5	31	42.4	30.3	4.3	7.8			
		12431	75.3	52.6	16	25.5	29.4	3.3	5.9			
		12432	74.6	53.2	20	31.8	29.4	3.2	8.5			
	1600	12433	73.8	53.5	23	33.4	30.4	3.3	10.1			
		12434	71.2	56.8	40	46.1	29.4	3.0	10.7			
		12435	70.0	58.2	51	50.8	29.3	3.0	10.4			
	1300	12440	67.7	59.6	60	53.6	25.5	3.1	6.4			
		12441	63.8	60.1	81	58.6	32.1	2.7	5.0			
		12444	59.7	58.8	98	58.4	31.1	2.2	5.1			
		12450	59.9	58.9	92	58.4	30.2	2.1	4.4			
		12451	60.4	59.3	92	58.3	30.8	1.4	4.0			
	600	12452	60.6	59.4	91	58.2	29.5	1.5	5.0			
		12453	61.2	59.8	91	58.1	32.1	1.2	4.9			
		12454	61.2	59.9	97	60.0	32.1	1.2	4.9			
	200	12455	61.7	60.0	91	59.8	31.7	1.2	4.7			
		12460	62.4	60.3	90	59.6	31.5	0.7	4.5			
		12461	62.0	60.8	92	60.1	31.6	0.4	3.8			
		12462	62.9	61.6	91	60.0	29.9	0.3	3.8			
		12463	49.9	61.4	100	66.8	31.0	0.0	46.0			
		12511	64.3	61.6	83	59.2	28.6	1.6	2.0			
		12512	62.9	61.0	90	59.7	31.3	1.2	2.7			
		12513	63.1	60.8	89	59.4	31.7	1.2	3.0			
COMMERCE		12514	61.2	60.1	98	60.1	30.1	0.3	4.3			
HAWTHORNE		12520	60.4	59.5	92	58.4	32.1	1.4	3.0			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-018
AIRCRAFT DATA FLIGHT NUMBER 03 DATA DATE 09/11/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE		12521	59.9	59.2	92	58.6	31.6	1.4	2.9			
		12522	59.8	59.2	99	58.6	31.0	1.8	3.1			
		12523	59.0	58.9	100	58.9	29.5	2.1	1.9			
		12524	58.5	58.4	100	58.9	31.5	2.0	1.6			
	700	12525	58.2	58.2	100	59.0	29.3	2.2	1.7			
		12530	58.0	58.0	100	57.2	30.5	2.3	4.0			
		12531	58.0	57.9	100	57.1	29.3	2.4	4.5			
	900	12532	58.9	58.4	99	58.7	29.4	3.0	4.4			
		12533	62.3	59.0	82	56.9	29.4	2.7	4.5			
		12534	64.9	59.9	79	57.8	31.2	2.8	3.4			
		12535	67.9	59.9	65	55.8	29.4	2.7	4.4			
		12540	67.5	59.9	66	56.1	29.5	2.4	5.5			
		12541	68.7	59.2	58	52.6	29.4	2.5	6.4			
		12542	70.9	57.3	41	46.9	29.4	2.6	7.8			
		12543	70.7	56.9	41	46.7	29.4	2.6	7.8			
	1400	12544	72.8	55.9	31	40.9	29.4	2.9	7.9			
		12545	73.0	54.7	29	39.3	29.4	2.8	10.7			
		12550	74.4	54.0	22	33.3	29.6	2.9	11.6			
		12551	75.3	52.8	19	30.1	29.4	2.8	8.9			
		12552	75.4	53.0	19	30.3	29.5	2.7	7.2			
		12553	76.0	55.0	24	36.0	29.4	2.8	5.8			
		12554	76.7	58.2	32	45.0	29.3	2.8	6.2			
		12555	77.5	55.3	21	34.4	29.4	2.9	6.2			
	1900	12560	77.7	52.4	12	20.0	29.9	2.9	5.7			
		12564	78.1	52.2	10	18.6	29.6	2.4	5.2			
		12565	78.2	50.9	9	14.8	29.5	2.6	4.7			
		12570	77.7	50.4	7	7.3	29.5	2.1	5.3			
		12571	77.9	50.6	6	7.3	29.5	2.1	4.4			
		12572	78.1	51.2	9	15.9	29.4	2.2	4.4			
	2000	12573	78.6	51.1	9	14.3	29.4	2.6	4.4			
		12574	78.8	51.5	9	14.8	29.5	2.5	4.2			
		12575	79.0	51.3	8	13.7	29.5	1.9	4.5			
		12580	79.4	51.2	8	12.1	29.4	2.1	4.3			
		12581	79.9	51.3	7	10.8	32.3	2.9	4.5			
		12582	79.9	51.2	7	10.5	32.0	2.9	4.0			
		12583	80.1	50.9	6	8.7	29.4	2.5	4.4			
		12584	80.4	50.7	3	- 5.1	29.5	2.6	3.8			
		12585	80.0	50.5	4	- 3.8	29.4	2.8	3.9			
		12590	80.1	50.5	4	- 4.4	29.5	2.6	3.9			
		12591	79.7	50.8	4	- 0.2	29.4	2.7	4.2			
		12592	79.6	50.9	7	10.5	29.3	2.5	4.6			
		12593	78.8	51.5	9	14.8	29.5	2.8	4.6			
		12594	78.7	51.2	9	14.3	29.4	2.7	4.2			
		12595	77.8	52.9	15	25.9	29.4	2.8	4.2			
		13000	77.9	53.7	15	27.2	29.5	2.8	5.1			
		13001	76.5	56.3	27	40.2	29.5	2.5	6.2			
		13002	77.1	55.7	22	35.4	29.4	2.6	6.1			
		13003	76.5	56.7	27	40.7	29.4	2.4	6.3			
		13004	75.8	56.8	30	41.6	29.4	2.4	6.8			
		13005	76.5	57.0	28	41.0	29.4	2.2	6.8			
		13010	76.8	56.3	26	39.9	29.3	2.6	6.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-019
AIRCRAFT DATA FLIGHT NUMBER 03 DATA DATE 09/11/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE		13011	74.9	55.9	27	38.5	29.4	2.9	6.3			
		13012	76.9	56.2	23	36.4	29.5	2.5	6.6			
		13013	75.1	55.5	26	37.7	29.6	2.7	6.2			
		13014	75.5	57.6	31	42.7	29.4	2.2	7.0			
EL MONTE		13035	74.5	58.1	37	46.9	32.1	0.3	13.4			
	1700	13040	72.8	60.2	48	52.5	31.1	2.4	14.1			
		13041	73.2	62.4	55	56.1	30.3	2.1	16.0			
		13042	73.5	63.1	55	56.3	31.7	1.6	16.7			
		13043	73.7	62.2	54	55.6	31.6	0.8	19.2			
		13044	73.4	62.6	55	56.1	32.4	0.8	19.6			
		13045	74.7	59.8	39	48.3	29.4	2.0	21.6			
		13050	73.1	61.7	54	55.7	29.5	0.0	21.2	0.7	2.1	
		13051	74.3	58.2	37	47.2	29.8	1.5	17.1			
		13052	73.9	59.0	41	48.3	29.8	1.5	19.7			
		13053	74.9	58.9	37	47.3	29.4	1.7	19.1			
		13054	74.3	59.8	39	48.6	29.6	1.9	20.5			
		13055	73.2	60.6	48	52.5	29.4	2.0	21.4			
		13060	73.4	61.6	49	53.1	30.4	1.7	19.3			
		13064	74.2	63.0	54	55.8	18.0	1.5	18.5			
		13065	74.4	62.9	51	55.6	33.1	1.5	19.0			
	1100	13070	74.4	63.1	51	55.8	31.7	1.5	19.4			
		13071	74.6	63.6	55	58.1	31.4	1.5	20.6			
		13072	74.6	63.5	55	58.1	31.3	1.5	19.1			
		13073	74.9	63.3	50	55.6	35.0	1.5	19.8			
		13074	74.8	63.7	55	58.1	28.6	1.4	20.5			
		13075	74.7	62.8	50	55.3	32.6	0.8	21.1			
		13080	75.1	63.5	55	57.8	32.0	0.9	20.5			
		13081	75.3	63.2	50	55.2	31.4	1.6	20.6			
		13082	75.4	62.9	49	54.9	31.2	1.7	20.9			
	1000	13083	74.9	62.8	50	55.2	30.7	2.1	21.9	0.2	1.[illegible]	5.3
		13084	75.4	62.7	49	54.8	29.4	1.5	21.3			
		13085	75.7	63.0	49	54.8	30.9	1.4	21.8			
	900	13090	76.5	63.5	50	56.9	29.8	1.0	20.6			
		13091	76.5	63.4	46	54.5	31.5	0.6	21.9			
		13092	77.6	63.7	49	56.3	31.5	1.2	25.2			
	700	13093	77.2	63.7	49	56.5	29.3	1.0	24.7	0.2	2.1	4.1
		13094	77.0	63.8	50	56.7	30.6	0.9	21.6			
		13095	78.8	64.8	46	56.2	29.4	1.2	21.0			
	600	13100	77.4	65.1	51	57.3	31.0	1.2	22.7			
		13120	79.7	69.8	59	65.1	31.0	0.1	13.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-020
AIRCRAFT DATA FLIGHT NUMBER 04 DATA DATE 09/15/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	3250	14513	64.5	60.3	81	58.3	28.7	4.8	11.1			
	3030	14514	64.2	61.2	83	59.0	28.1	4.5	12.4			
	2870	14515	66.3	61.2	74	57.7	28.1	4.2	12.8			
	2880	14520	64.6	61.6	83	59.0	25.3	4.4	13.5			
	2920	14521	64.0	61.4	83	59.3	24.5	4.4	15.2			
	2970	14522	64.3	61.2	83	59.0	25.9	4.4	15.2			
	2940	14523	63.6	61.4	84	59.5	28.1	4.3	15.0			
	2940	14524	63.8	61.4	84	59.4	26.8	4.2	15.1			
	3080	14525	62.9	61.2	91	59.8	21.8	5.2	15.6			
	3140	14530	64.2	60.8	82	58.8	22.9	5.1	14.3			
	3250	14531	64.7	59.8	74	55.9	23.1	5.1	14.1			
	3180	14532	64.7	60.3	80	58.1	29.9	4.9	12.5			
	3030	14533	65.4	61.1	75	58.2	30.3	4.6	13.3			
	3110	14534	65.6	60.6	74	57.8	30.4	4.3	17.3			
	3100	14535	63.4	61.0	89	59.4	27.7	4.7	13.9			
	3070	14540	64.9	61.0	81	58.5	20.4	4.0	22.4			
	3140	14541	64.4	60.5	81	58.5	23.3	5.4	12.5			
	3140	14542	63.8	60.4	82	58.8	26.1	3.7	18.5			
	3110	14543	63.8	60.4	82	58.8	29.5	4.7	11.3			
	3040	14544	64.2	60.5	81	58.6	19.4	5.4	11.7			
	2960	14545	64.0	60.8	82	58.9	24.1	5.0	12.3			
	2920	14550	64.6	61.1	82	58.7	28.1	4.6	16.1			
	2960	14551	64.1	61.1	83	59.0	27.1	4.6	14.4			
	2950	14552	64.2	60.9	82	58.8	27.6	4.6	14.0			
	2980	14553	63.6	61.0	83	59.3	27.2	4.8	15.3			
	3020	14554	64.3	60.7	82	58.6	30.6	4.6	14.7			
	3150	14555	64.2	60.5	81	58.6	28.5	4.7	9.3			
	3210	14560	63.7	60.4	82	58.8	28.4	4.5	7.2			
	3250	14561	63.2	60.3	88	59.1	30.5	4.7	8.0			
	3350	14562	63.5	60.2	82	58.8	29.7	4.4	7.0			
	3400	14563	62.9	60.2	89	59.2	28.1	5.1	4.6			
	3430	14564	62.9	60.2	89	59.2	23.5	5.3	4.5			
	3480	14565	62.9	60.2	89	59.2	28.1	4.6	3.3			
	3500	14570	62.4	59.9	89	59.3	28.7	4.7	3.2			
	3520	14571	63.8	59.6	75	56.3	29.8	4.6	2.8			
	3530	14572	62.7	59.9	88	59.1	29.9	4.9	2.3			
	3520	14573	62.3	59.9	89	59.4	28.9	4.9	2.5			
	3510	14574	61.6	59.9	97	59.8	26.2	4.9	3.2			
	3590	14575	63.2	59.7	81	56.8	22.1	5.7	2.7			
	3680	14580	63.4	59.0	80	56.2	21.3	6.0	2.1			
	3790	14581	61.6	59.5	89	57.7	20.2	6.1	3.2	5.8	3.8	2.0
	3910	14582	63.4	57.8	72	53.4	21.6	5.8	2.4			
	3970	14583	63.3	57.0	70	52.8	23.3	5.6	2.4			
	4050	14584	62.8	56.6	71	52.9	26.5	5.5	1.9			
	4120	14585	62.5	56.2	65	50.8	31.2	5.3	2.1			
	4180	14590	62.2	56.0	65	50.8	31.7	5.5	2.0			
	4260	14591	62.0	55.8	65	50.8	31.6	5.5	2.2	4.1	3.3	0.9
	4320	14592	62.0	55.3	64	50.4	28.7	5.5	1.7			
	4400	14593	63.6	52.4	43	41.7	29.9	5.5	1.6			
	4470	14594	63.6	52.0	43	41.3	26.0	5.5	1.5			
	4560	14595	63.3	54.1	55	46.1	24.7	5.5	1.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-021
AIRCRAFT DATA FLIGHT NUMBER 04 DATA DATE 09/15/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	4630	15000	62.8	53.2	54	45.7	24.2	5.7	1.8			
	4690	15001	62.7	55.2	63	49.8	22.8	6.1	2.0	2.7	1.7	0.0
	4770	15002	63.2	53.6	54	45.7	22.5	6.2	2.0			
	4850	15003	62.7	53.8	55	46.4	19.7	5.7	1.9			
	4910	15004	62.7	55.0	63	49.6	22.4	5.7	3.2			
	4990	15005	62.7	54.0	56	46.5	25.1	5.6	2.2			
	5070	15010	62.3	53.8	56	46.7	28.4	5.5	2.3			
	5140	15011	62.4	53.2	55	46.1	30.2	5.6	2.0	0.9	1.0	0.3
	5220	15012	62.2	52.9	55	46.0	30.4	5.8	1.9			
	5290	15013	62.0	52.6	50	43.6	31.4	5.8	2.2			
	5370	15014	61.7	53.8	57	47.3	29.8	5.8	1.6			
	5450	15015	61.3	53.8	62	47.6	29.2	5.9	1.8			
	5480	15020	60.9	53.2	61	47.4	27.9	5.9	1.5			
	5400	15021	61.4	53.2	60	47.0	25.1	6.1	1.4			
	5350	15022	61.7	53.3	56	46.8	23.1	6.3	2.1			
	5290	15023	62.2	53.1	55	46.2	22.5	6.4	1.5			
	5210	15024	62.7	53.3	54	45.9	20.1	6.6	1.9			
	5100	15025	63.1	53.5	54	45.7	19.8	6.3	2.0			
	5040	15030	63.1	54.3	55	46.5	21.6	5.8	1.7			
	4960	15031	63.4	54.7	61	48.8	25.7	5.6	2.0			
	4660	15035	64.3	55.5	57	48.7	29.5	5.7	2.2			
	4620	15040	64.7	55.4	56	48.3	26.0	5.9	1.3			
	4530	15041	64.7	57.0	64	51.8	22.3	6.4	1.7			
	4470	15042	64.5	53.2	48	44.1	19.2	6.7	1.5			
	4420	15043	62.6	53.9	56	46.5	19.0	6.4	1.7			
	4370	15044	62.4	55.5	64	50.3	19.2	6.1	2.1	1.7	1.8	1.4
	4260	15045	62.6	55.8	64	50.4	22.4	5.5	1.7			
	4130	15050	63.3	56.1	63	50.0	29.0	5.3	1.7			
	4090	15051	63.6	56.4	64	52.2	31.7	5.3	1.6			
	3980	15052	63.1	57.3	71	53.2	31.9	5.3	1.5			
	3920	15053	64.1	57.0	65	52.2	31.5	5.2	1.6			
	3840	15054	63.4	58.2	78	55.7	26.3	5.8	1.7			
	3750	15055	63.6	58.9	74	56.0	21.1	6.2	2.1			
	3690	15060	63.7	59.2	75	56.1	17.9	6.6	1.6			
	3680	15061	62.6	59.5	82	57.0	17.9	6.2	2.4			
	3570	15062	63.1	59.7	81	56.8	18.8	5.5	2.9			
	3520	15063	62.9	59.8	82	57.0	24.5	5.3	3.1			
	3420	15064	63.6	59.9	81	58.6	30.9	4.6	4.7			
	3440	15065	63.4	59.9	87	58.7	27.7	4.4	4.4	1.2	1.2	0.0
	3420	15070	63.3	59.8	81	56.8	28.1	4.7	5.1			
	3430	15071	63.4	59.9	87	58.7	27.7	4.6	6.2			
	3430	15072	62.9	59.9	88	59.0	32.3	4.8	5.4			
	3430	15073	62.8	59.9	88	59.1	28.8	5.1	5.7			
	3540	15074	62.7	59.8	82	57.2	23.8	5.5	5.3			
	3610	15075	61.9	59.6	84	57.6	25.1	4.8	3.9			
	3670	15080	61.7	59.4	84	57.6	24.7	4.9	3.9			
	3710	15081	63.3	58.9	80	56.2	25.7	4.7	2.6			
	3780	15082	63.6	57.9	67	53.3	24.5	4.8	2.1			
	3900	15083	63.6	57.3	66	52.8	24.9	4.9	1.9			
	3980	15084	63.5	57.0	66	52.7	25.0	4.7	1.9			
	4070	15085	63.2	56.5	70	52.5	24.9	4.7	1.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/70-022
AIRCRAFT DATA FLIGHT NUMBER 04 DATA DATE 09/15/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	4120	15090	62.9	56.0	64	50.3	25.2	4.8	1.8	1.3	1.0	0.3
	4150	15091	63.1	55.8	63	50.0	25.1	4.6	2.1			
	4280	15092	62.6	54.8	62	49.5	19.0	6.0	2.6			
	4400	15093	62.9	54.3	56	46.6	20.5	5.8	1.9			
	4470	15094	63.5	51.9	43	41.3	20.5	5.3	2.2			
	4450	15095	64.1	51.9	42	40.6	23.2	4.9	2.5			
	4480	15100	64.1	51.4	41	40.0	22.4	4.5	2.5			
	4480	15101	64.2	51.4	41	39.9	23.7	4.4	2.7			
	4500	15102	62.5	53.0	54	45.8	30.6	5.1	2.3			
	4490	15103	63.1	51.9	46	41.7	31.6	5.2	1.9			
	4350	15104	63.9	52.1	42	41.0	28.9	4.8	1.7			
	4200	15105	63.1	55.4	63	49.6	26.4	4.6	1.5			
	4100	15110	63.4	56.0	63	49.9	27.8	4.6	1.4			
	3990	15111	64.1	56.4	64	51.8	27.3	4.3	1.4	0.1	0.7	0.0
	3890	15112	64.3	57.0	64	52.1	27.6	4.3	1.4			
	3740	15113	63.8	58.5	73	55.6	27.2	4.3	1.3			
	3580	15114	63.8	59.4	75	56.2	23.7	4.2	1.7			
	3420	15115	63.4	59.9	87	58.7	16.6	5.3	3.1			
	3390	15120	63.6	60.0	82	58.6	15.7	5.8	3.1			
	3330	15121	63.4	60.1	87	58.8	16.2	5.4	5.6			
	3130	15122	64.5	60.4	81	58.3	24.4	3.8	6.1			
	2950	15123	62.9	60.5	89	59.4	31.9	3.5	10.5			
	2800	15124	63.6	60.6	83	59.0	30.4	3.7	11.2			
	2640	15125	62.9	60.7	90	59.5	23.3	2.4	11.1			
	2610	15130	61.4	60.1	97	60.0	19.0	2.9	8.3			
	2430	15131	63.0	60.5	89	59.3	13.1	3.8	9.2			
	2280	15132	62.8	60.8	90	59.6	12.9	4.2	8.8			
	2120	15133	63.9	61.2	83	59.2	18.5	1.7	8.7			
	2060	15134	64.2	61.3	83	59.1	23.0	1.7	7.5			
	1950	15135	64.8	61.6	82	58.9	18.8	1.5	8.6			
	1830	15140	65.2	61.8	88	60.7	16.9	1.4	7.3			
	1750	15141	65.7	62.2	82	60.6	18.0	1.4	6.5			
	1320	15145	67.8	63.3	76	60.0	16.1	0.8	8.0			
	1270	15150	67.9	63.4	76	60.0	15.4	0.7	7.5			
	1240	15151	68.4	63.7	81	61.9	15.2	0.6	7.7			
	1220	15152	69.6	64.0	75	61.4	15.6	0.7	7.4			
	1220	15153	68.9	63.9	76	61.7	15.3	0.9	7.3			
	1160	15154	68.8	64.0	81	61.8	15.3	0.6	7.5			
	1110	15155	69.1	64.1	76	61.7	16.0	0.6	7.5			
	1160	15160	69.1	64.2	76	61.8	15.7	0.8	8.3			
	1150	15161	68.7	64.1	81	61.9	16.7	1.1	8.6			
	1150	15162	69.1	64.2	76	61.8	14.9	0.7	8.6			
	1070	15163	70.4	64.5	74	61.2	14.3	0.6	8.7	1.2	2.0	0.0
	1080	15164	70.0	64.5	75	61.4	12.5	0.6	8.5			
	1050	15165	69.6	64.7	76	61.8	15.3	0.9	7.5			
	910	15170	70.4	64.8	75	61.4	14.7	0.6	6.7			
	810	15171	70.9	65.1	70	61.3	19.8	0.7	6.6			
	860	15175	71.1	65.2	70	61.2	14.3	0.8	7.4			
	980	15180	70.2	64.8	75	61.5	15.7	0.9	6.2			
	1040	15181	70.0	64.7	75	61.5	15.7	1.0	6.4			
	1100	15182	69.3	64.4	76	61.8	15.4	1.0	6.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/06/71-023
AIRCRAFT DATA FLIGHT NUMBER 04 DATA DATE 09/25/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	CX	NO	NO2	CO
SPECIAL	1230	15183	68.6	64.2	81	62.0	16.0	1.0	6.4			
	1290	15184	68.5	64.1	81	62.0	15.5	1.4	6.3			
	1270	15185	67.9	63.7	82	62.1	11.7	2.1	6.8			
	1240	15190	68.2	63.9	81	62.1	11.5	1.7	8.6			
	1230	15191	68.2	64.0	82	62.1	15.5	0.9	8.1			
	1160	15192	68.6	64.1	81	62.0	14.9	0.7	7.9			
	1100	15193	68.7	64.2	81	62.0	14.8	0.3	8.1			
	1090	15194	68.7	64.3	81	62.0	14.6	0.9	7.7			
	1060	15195	69.4	64.5	76	61.8	14.2	0.8	6.6			
	1050	15200	69.3	64.7	76	61.9	12.4	0.9	6.5			
	980	15201	69.8	64.8	76	61.7	14.5	0.8	5.9			
EL MONTE	850	15202	70.2	65.0	75	61.6	14.8	0.6	5.7			
	760	15203	70.9	65.3	75	63.3	18.6	0.7	6.1			
	670	15204	71.2	65.6	75	63.3	14.7	0.6	6.2			
	580	15205	71.7	65.9	75	63.2	14.7	0.3	6.0			
	470	15210	72.3	66.0	74	63.0	14.2	0.4	5.7			
	440	15211	73.3	66.4	69	62.6	13.9	0.2	5.1			
	470	15212	74.7	67.2	69	64.3	14.2	0.2	5.4			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-024
AIRCRAFT DATA FLIGHT NUMBER 05 DATA DATE 09/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	4850	15213	71.1	53.0	28	36.4	15.6	3.7	6.2			
	4920	15214	70.9	52.7	27	36.3	16.1	3.8	6.3			
	4980	15215	70.7	52.4	24	32.8	17.9	3.7	5.7			
	4970	15220	71.2	52.4	23	32.1	15.0	3.7	5.8			
	4990	15221	71.2	52.4	23	32.1	15.6	3.7	5.7			
	4960	15222	71.6	52.4	23	31.5	15.3	3.6	5.3			
	5000	15223	71.3	52.4	23	32.0	15.3	3.8	5.1			
	4990	15224	71.4	52.4	23	31.8	18.0	3.5	5.3			
	4960	15225	71.4	52.3	23	31.7	15.9	3.7	6.0			
	4980	15230	71.3	52.3	23	31.8	14.7	3.3	6.7			
	4960	15231	71.5	52.4	23	31.7	13.3	3.5	5.9			
	4950	15232	71.6	52.2	22	31.2	11.6	4.3	6.0			
	4920	15233	71.7	52.1	22	30.9	11.4	4.6	5.7			
	4920	15234	71.7	52.2	22	31.0	11.3	4.5	5.8			
	4930	15235	71.5	52.1	22	31.2	14.3	3.3	5.1			
	4920	15240	71.6	51.8	22	30.6	14.0	3.3	5.5			
	5040	15300	71.0	52.1	23	32.0	11.4	3.1	6.3			
	4940	15360	71.2	52.4	23	32.1	12.3	2.6	9.2			
	5030	15420	70.5	48.3	13	16.7	13.2	1.5	12.6			
	5040	15430	70.7	48.4	12	16.4	13.1	2.0	9.6			
	5070	15440	70.7	46.7	7	3.7	11.5	2.5	5.2			
	5000	15450	71.4	46.5	6	- 2.0	10.3	2.6	5.2			
	4990	15460	71.4	46.7	6	- 0.1	10.4	1.9	4.6			
	5030	15470	70.7	49.7	17	24.4	10.9	0.1	12.4			
	4980	15480	70.9	53.3	28	37.1	13.9	1.6	12.0			
	4930	15490	71.6	58.8	46	50.0	11.2	2.2	5.1			
	4920	15500	71.7	64.0	67	60.2	11.3	2.1	5.0			
	4890	16010	71.9	13.6	0	-29.7	9.5	1.3	5.9			
	4920	16020	71.6	13.6	0	-29.7	9.5	1.3	5.2			
	4930	16030	71.6	13.6	0	-29.7	9.5	1.4	4.7			
	4960	16040	71.3	13.6	0	-29.7	8.2	2.2	4.3			
	4950	16050	71.5	13.6	0	-29.7	9.0	0.9	6.3			
	4990	16060	71.2	13.6	0	-29.7	8.6	1.2	9.2			
	5000	16070	71.3	13.6	0	-29.7	10.1	1.2	7.0			
	5020	16080	71.3	13.6	0	-29.7	11.4	1.2	8.1			
	5020	16090	71.2	13.6	0	-29.7	8.6	0.3	7.4			
	5040	16100	71.0	13.6	0	-29.7	8.4	1.2	5.8			
	5050	16110	70.9	13.6	0	-29.7	8.6	1.1	4.9			
	5120	16120	70.5	13.6	0	-29.7	6.9	1.8	5.3			
	5150	16130	70.3	13.6	0	-29.7	7.8	1.0	9.1			
	5040	16140	71.3	13.6	0	-29.7	9.2	1.5	4.9			
	5040	16150	71.0	13.6	0	-29.7	8.6	0.9	5.0			
	5040	16160	71.0	13.6	0	-29.7	8.1	0.0	5.8			
	4950	16180	71.7	74.1	100	74.3	7.5	1.0	8.0			
	4900	16190	71.9	74.2	100	74.3	7.5	1.4	6.9			
	4820	16200	72.7	74.6	100	75.9	6.7	2.0	5.0			
	4760	16210	72.9	74.9	100	75.9	7.3	1.6	4.4			
	4640	16220	73.6	75.4	100	75.9	8.1	1.0	5.0			
	4640	16222	73.5	75.5	100	75.9	7.3	0.6	5.8			
	4450	16231	74.2	76.2	100	77.7	7.1	0.6	7.4			
	4120	16241	75.6	77.6	100	77.7	6.7	0.6	4.3			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-025
AIRCRAFT DATA FLIGHT NUMBER 05 DATA DATE 09/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	3980	16251	75.6	77.5	100	77.7	6.6	0.5	5.2			
	3620	16261	76.5	13.6	0	-29.7	5.4	2.4	6.8			
	3320	16271	77.6	13.6	0	-29.7	5.9	1.0	5.5			
	3050	16281	76.3	13.6	0	-29.7	7.8	0.8	10.8			
	2550	16291	73.0	13.6	0	-29.7	5.6	0.5	15.5			
	2130	16301	65.6	13.6	0	-29.7	4.7	0.3	14.6			
	1700	16311	64.0	13.6	0	-29.6	4.0	0.0	12.6			
	1310	16321	65.0	13.6	0	-29.7	3.3	0.1	9.5			
	1190	16331	65.7	13.6	0	-29.7	2.9	0.2	8.7			
	610	16341	69.0	13.6	0	-29.7	2.5	0.1	7.0			
	610	16351	68.5	13.6	0	-29.7	2.6	0.0	5.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-026
AIRCRAFT DATA FLIGHT NUMBER 06 DATA DATE 09/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	270	12473	78.8	71.2	70	68.3	28.2	0.3	17.7			
	270	12474	79.4	70.9	69	67.9	27.9	0.3	17.6			
	270	12475	77.5	70.1	70	66.4	27.8	0.3	15.8			
	270	12480	77.2	70.2	70	66.6	27.7	0.3	15.9			
	270	12481	77.0	70.9	76	69.0	27.9	0.3	15.1			
	270	12482	77.7	70.4	70	66.4	27.4	0.5	16.0			
	270	12483	75.8	70.0	76	67.1	28.0	0.4	15.9			
	254	12484	76.4	68.3	64	64.0	26.1	0.9	19.7			
	309	12485	75.2	68.9	75	66.9	26.7	1.5	23.0			
	365	12490	75.4	68.4	70	64.6	27.8	1.3	24.4			
	413	12491	75.4	68.2	69	64.5	28.5	1.6	24.8			
	468	12492	74.4	68.1	71	64.9	28.2	1.7	24.6			
	658	12493	74.4	67.8	70	64.8	28.3	1.9	24.0			
	742	12494	73.9	67.7	75	65.0	34.0	2.2	24.0			
	773	12495	73.4	67.4	75	65.1	34.0	2.3	24.1			
	846	12500	73.0	67.0	70	63.1	32.5	2.6	24.0			
	898	12501	72.3	66.6	75	63.3	30.8	3.0	23.8			
	971	12502	72.0	66.3	75	63.3	27.7	3.5	24.1			
	1033	12503	72.2	66.3	75	63.2	36.5	3.1	23.6			
	1044	12504	72.2	66.0	74	63.0	36.2	3.2	23.8			
	1044	12505	72.0	66.3	75	63.3	35.9	3.4	22.9			
	1117	12510	71.3	66.0	76	63.5	25.0	5.2	24.4			
	1169	12511	71.1	65.7	76	63.4	28.6	4.7	24.0			
	1210	12512	70.6	65.7	81	63.7	35.2	4.5	24.2			
	1294	12513	70.0	65.6	82	64.0	37.5	4.2	24.0			
	1335	12514	70.1	65.6	82	63.9	37.6	4.5	23.8			
	1377	12515	70.1	65.6	82	63.9	37.5	4.2	24.3			
	1450	12520	70.0	65.2	76	61.8	36.0	4.4	24.4			
	1471	12521	70.2	65.2	76	61.7	37.1	4.4	25.1			
	1471	12522	70.2	65.1	75	61.6	35.8	4.4	25.1			
	1502	12523	70.6	65.4	81	63.5	36.2	4.2	26.9			
	1491	12524	70.6	65.4	81	63.5	37.7	4.1	25.5			
	1596	12525	70.9	65.1	70	61.3	39.6	4.3	24.9			
	1689	12530	70.6	64.7	74	61.2	38.3	4.8	25.5			
	1710	12531	70.2	64.9	75	61.5	40.6	4.8	26.8			
	1793	12532	70.4	64.5	74	61.2	39.1	4.8	25.5			
	1846	12533	70.8	64.3	69	60.9	41.5	4.9	23.5			
	1877	12534	70.8	64.1	69	60.7	39.7	4.9	24.5			
	1939	12535	72.9	63.7	61	59.3	40.5	5.0	25.6			
	1991	12540	73.6	62.3	54	55.8	40.1	5.1	19.0			
	1991	12541	73.7	63.1	55	56.2	39.7	5.1	21.9			
	2002	12542	73.9	63.1	55	56.1	39.8	5.2	22.7			
	2033	12543	70.7	64.2	69	60.9	38.0	5.4	22.5			
	2033	12544	73.7	64.0	61	59.0	40.7	5.2	25.0			
	2127	12545	73.2	64.3	62	59.4	46.1	5.4	24.3			
	2179	12550	73.5	62.9	55	56.2	51.6	5.4	22.3			
	2241	12551	73.0	63.7	61	59.2	55.5	5.2	22.5			
	2252	12552	73.7	61.6	49	52.9	53.4	5.1	18.8			
	2314	12553	73.6	60.1	47	51.9	44.8	5.7	15.2			
	2345	12554	73.9	59.9	46	51.5	38.4	5.8	13.9			
	2397	12555	73.5	60.2	47	52.0	41.1	5.8	13.6			

SCOTT RESEARCH LABORATORIES CPA70-6114211138R043 RUN DATE 02/04/70-027
AIRCRAFT DATA FLIGHT NUMBER 06 DATA DATE 09/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	2439	12560	74.3	61.3	45	52.2	41.1	5.8	13.4			
	2439	12561	74.4	59.9	43	51.1	41.0	5.8	12.0			
	2481	12562	75.1	59.3	37	47.5	37.7	6.0	12.2			
	2460	12563	75.3	58.7	36	46.8	43.2	5.3	8.9			
	2522	12564	76.2	56.7	28	41.0	41.3	5.2	9.8			
	2554	12565	75.8	55.7	25	37.1	40.4	5.4	6.3			
	2658	12570	75.4	55.0	25	36.7	40.7	5.7	4.9			
	2668	12571	76.6	54.9	22	35.0	42.0	5.7	4.3			
	2710	12572	76.4	54.6	22	34.9	41.0	5.8	5.2			
	2762	12573	76.5	54.8	22	35.0	42.6	5.8	4.8			
	2835	12574	76.6	57.9	29	41.9	40.6	6.1	5.4			
	2866	12575	76.6	60.2	38	49.6	43.4	6.0	8.6			
	2928	12580	76.6	59.7	34	46.5	41.6	6.0	8.4			
	2908	12581	76.8	60.3	38	49.5	44.4	5.8	8.4			
	2928	12582	77.1	60.2	38	49.1	41.8	6.0	9.4			
	2897	12583	77.1	60.6	38	49.5	42.8	5.8	8.9			
	2991	12584	77.0	59.0	33	45.5	37.1	6.3	8.7			
	3074	12585	76.8	57.2	27	40.9	35.5	6.8	6.2			
	3168	12590	76.4	56.7	27	40.8	33.3	7.4	6.0			
	3199	12591	76.4	56.4	27	40.5	36.2	7.3	5.1			
	3241	12592	76.0	56.1	25	37.4	38.3	7.3	6.6			
	3178	12593	75.8	55.7	25	37.1	41.6	7.3	6.2			
	3262	12594	75.9	54.7	24	35.7	45.8	6.7	5.5			
	3439	12595	75.7	54.6	24	35.8	41.7	6.6	5.1			
	3428	12595	75.7	54.5	24	35.7	41.6	6.5	5.0			
	3428	13001	76.2	54.1	18	30.7	42.2	6.4	5.1			
	3439	13002	76.3	53.8	18	30.1	39.1	6.4	5.2			
	3418	13003	76.6	53.6	17	29.3	41.6	6.3	4.9			
	3480	13004	76.3	53.3	17	29.3	43.2	6.3	5.5			
	3532	13005	76.2	51.8	13	22.0	42.2	6.2	4.7			
	3595	13010	76.1	51.1	12	20.7	42.4	6.1	4.6			
	3689	13011	75.9	50.7	10	14.3	43.0	6.1	4.8			
	3751	13012	75.7	51.0	13	21.4	42.2	6.1	5.4			
	3834	13013	75.8	50.3	9	13.4	42.5	6.1	5.8			
	3876	13014	75.7	49.7	9	11.9	41.9	6.1	5.9			
	3939	13015	75.8	48.8	5	- 2.4	42.0	6.2	6.1			
	3918	13020	76.0	48.8	5	- 3.2	40.7	6.1	5.4			
	3928	13021	76.3	49.2	7	8.0	40.2	6.0	6.2			
	3939	13022	76.4	48.9	4	- 4.7	37.4	6.0	6.5			
	3949	13023	76.1	48.9	4	- 3.2	40.3	6.3	5.7			
	3959	13024	76.0	48.9	5	- 2.8	57.3	6.2	5.2			
	3939	13025	76.2	49.0	4	- 3.2	67.0	6.0	4.7			
	3949	13030	76.2	49.0	4	- 3.2	55.1	6.4	4.0			
COMMERCE	3522	13091	75.6	53.5	19	30.7	40.4	6.0	3.1			
	3532	13092	75.1	53.8	20	32.0	45.6	5.5	3.4			
	3460	13093	75.0	54.1	21	32.6	47.3	5.4	3.7			
	3408	13094	74.8	54.4	22	33.3	45.7	5.5	4.0			
	3408	13095	74.4	54.1	22	33.4	50.9	5.7	4.3			
	3314	13100	74.9	54.7	25	37.0	47.3	5.8	4.1			
	3272	13101	75.1	55.2	25	37.4	37.9	6.3	4.7			
	3168	13102	75.8	56.3	29	41.0	29.1	6.7	5.0			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-028
AIRCRAFT DATA FLIGHT NUMBER 06 DATA DATE 09/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE	3095	13103	76.3	56.5	27	40.7	37.2	5.7	5.6			
	3053	13104	76.3	56.5	27	40.7	43.2	5.6	5.9			
	2970	13105	76.2	55.6	23	36.5	43.8	5.5	6.1			
	2960	13110	75.9	54.7	24	35.7	43.0	5.6	6.0			
	2866	13111	76.2	53.6	18	29.9	43.2	5.6	4.2			
	2783	13112	76.5	52.6	13	23.1	43.9	5.5	3.9			
	2741	13113	76.6	52.6	13	22.9	42.6	5.5	4.1			
	2668	13114	76.6	53.0	17	28.3	40.2	5.6	4.0			
	2627	13115	76.5	53.2	17	28.8	33.9	5.9	4.0			
	2574	13120	76.0	52.9	18	29.1	34.2	5.9	4.3			
	2543	13121	75.7	54.0	20	31.4	39.0	6.1	3.4			
	2429	13122	75.7	55.4	25	36.9	58.2	6.4	3.0			
	2397	13123	75.3	56.2	26	38.3	45.8	5.4	4.0			
	2408	13124	75.1	56.2	27	38.6	43.2	5.4	4.9			
	2283	13125	75.4	56.6	30	41.8	42.2	5.4	4.9			
	2241	13130	74.9	56.8	31	42.5	44.3	5.2	5.8			
	2168	13131	75.3	57.1	31	42.4	44.5	5.2	6.8			
	2075	13132	75.6	57.4	31	42.4	45.8	4.4	7.0			
	1981	13133	75.3	58.2	36	46.3	47.3	4.0	8.3			
	1960	13134	75.3	58.6	36	46.7	45.7	3.9	9.5			
	1918	13135	75.5	58.6	36	46.5	53.0	3.8	10.9			
	1835	13140	74.8	59.0	37	47.5	41.7	5.4	9.8			
	1710	13141	74.1	60.0	46	51.4	32.8	5.2	10.6			
	1627	13142	73.8	60.7	47	52.2	24.3	6.3	13.8			
	1554	13143	72.1	61.5	54	54.0	42.5	4.3	15.7			
	1502	13144	68.6	63.3	74	59.6	41.2	4.4	18.5			
	1429	13145	67.8	63.6	82	62.1	40.1	4.4	21.6			
	1387	13150	66.8	64.2	90	63.0	39.1	4.4	21.0			
	1262	13151	67.5	64.3	83	62.7	41.7	3.6	19.6			
	1200	13152	67.7	64.6	83	62.8	40.1	3.7	16.4			
	1085	13153	68.0	64.9	83	62.8	37.9	3.4	17.4			
	1023	13154	68.7	65.1	83	62.5	38.6	3.3	17.5			
	992	13155	68.5	65.4	89	64.6	37.4	3.3	19.9			
	929	13160	68.7	65.4	89	64.5	24.5	4.6	21.5			
	846	13161	69.1	65.6	83	64.4	28.6	3.8	19.3			
	773	13162	69.9	66.0	83	64.2	43.4	3.1	17.3			
	731	13163	70.4	66.3	82	64.1	45.7	2.3	17.7			
	648	13164	70.8	66.3	77	63.9	35.5	2.0	19.6	1.3	3.6	3.0
	658	13165	71.7	66.5	76	63.5	34.6	1.4	20.8			
	658	13170	70.5	66.2	82	64.0	36.5	1.8	17.3			
	679	13171	70.5	66.3	82	64.1	35.3	1.6	18.6			
	783	13172	69.5	65.9	83	64.4	36.7	2.1	18.0			
	804	13173	69.7	66.0	83	64.3	29.2	2.6	13.1			
	856	13174	69.6	65.9	83	64.3	41.2	3.2	15.8			
	960	13175	68.7	65.5	89	64.6	42.0	1.9	16.0			
	929	13180	68.8	65.5	89	64.5	36.6	2.1	17.8	1.0	2.5	2.6
	971	13181	68.8	65.4	89	64.5	37.3	1.9	17.2			
	981	13182	68.8	65.4	89	64.5	39.6	1.5	18.4			
	1033	13183	67.9	65.1	84	62.9	41.9	3.0	18.5			
	1075	13184	67.6	65.1	84	63.1	34.5	3.3	16.1			
	1127	13185	67.0	64.6	90	63.1	25.1	4.6	17.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-029
AIRCRAFT DATA FLIGHT NUMBER 06 DATA DATE 09/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE	1158	13190	66.4	64.5	91	63.4	26.1	4.1	17.7			
	1221	13191	66.8	64.4	90	63.1	39.5	2.7	18.5			
	1304	13192	66.2	64.2	91	63.3	40.9	3.5	18.1			
	1314	13193	66.3	64.2	90	63.3	43.6	3.7	18.5			
	1408	13194	68.4	63.7	81	61.9	42.0	3.8	19.0			
	1419	13195	67.1	64.2	84	62.9	41.7	4.0	17.2			
	1398	13200	68.8	63.8	80	61.7	41.2	3.8	20.4			
	1408	13201	67.5	64.0	83	62.5	42.1	3.8	18.7	0.6	3.0	2.9
	1387	13202	67.3	64.2	83	62.8	40.7	3.7	18.8			
	1408	13203	67.9	63.7	82	62.1	40.3	3.9	19.2			
	1377	13204	67.3	64.3	83	62.8	41.2	3.9	19.3			
	1460	13205	67.4	63.9	83	62.5	32.3	4.7	20.6			
	1544	13210	68.0	63.4	76	60.0	32.6	4.9	19.3			
	1585	13211	68.0	63.7	81	62.1	37.8	4.5	19.2			
	1648	13212	70.0	60.9	59	55.1	47.2	4.6	15.5			
	1689	13213	73.8	59.9	46	51.6	57.7	4.5	13.6			
	1773	13214	72.8	60.1	48	52.5	43.7	4.7	13.8			
	1814	13215	74.8	58.9	37	47.4	41.8	4.6	11.9			
	1866	13220	75.3	58.5	36	46.6	42.7	4.4	11.1			
	1918	13221	75.0	58.1	36	46.5	39.3	4.7	10.2			
	1908	13222	75.7	58.5	36	46.2	42.3	4.6	10.1			
	1939	13223	75.6	57.9	32	42.9	44.5	4.6	9.9			
	2064	13224	75.2	57.3	31	42.7	45.3	4.7	8.3			
	2148	13225	75.0	56.9	31	42.5	34.9	5.2	7.5			
	2210	13230	75.1	56.6	31	42.1	55.0	5.1	7.2			
	2272	13231	75.6	55.6	25	37.3	42.7	5.2	5.0			
	2345	13232	75.5	55.1	25	36.7	32.0	5.4	4.3			
	2387	13233	76.1	53.8	18	30.4	41.7	4.9	4.3			
	2377	13234	76.5	54.4	18	30.7	40.1	4.8	4.0			
	2543	13235	76.3	53.5	18	29.6	27.9	5.9	4.7			
	2595	13240	76.2	53.2	17	29.3	34.0	5.2	4.7			
	2637	13241	76.2	53.2	17	29.3	42.6	4.8	4.2			
	2751	13242	76.4	54.0	18	30.3	42.3	4.8	4.6			
	2835	13243	76.4	56.5	27	40.6	40.5	4.9	5.7			
	2835	13244	76.7	57.0	27	40.8	41.6	5.0	6.1			
	2845	13245	76.6	56.9	27	40.8	40.7	5.0	6.6			
	2824	13250	76.7	55.5	22	35.7	41.6	5.1	5.9			
	2866	13251	54.7	56.4	100	58.3	29.4	0.0	6.5			
	2981	13252	76.0	57.4	30	42.0	36.5	5.4	6.8			
	3064	13253	75.5	56.7	30	41.8	40.0	5.2	6.2			
	3137	13254	75.0	55.8	26	38.2	43.1	5.6	5.2			
	3168	13255	54.9	55.4	100	55.7	38.6	0.0	0.0			
	3210	13260	74.8	55.0	26	37.5	61.7	6.0	4.3			
	3230	13261	75.1	55.0	25	37.1	44.3	5.3	4.5			
	3335	13262	50.2	54.3	100	56.4	33.9	0.0	0.0			
	3345	13263	54.5	53.8	92	53.1	25.2	0.0	0.0			
	3397	13264	74.9	54.0	21	32.6	44.5	5.4	3.9			
	3314	13265	75.5	54.6	24	36.1	44.6	5.2	3.7			
	3314	13270	75.3	54.7	25	36.5	43.5	4.9	3.9			
	3283	13271	75.3	55.0	25	36.9	52.3	5.2	3.9			
	3303	13272	75.0	54.8	25	37.0	42.4	5.4	4.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-030
AIRCRAFT DATA FLIGHT NUMBER 06 DATA DATE 09/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE	3262	13273	75.7	54.8	24	36.1	32.9	5.7	3.7			
	3251	13274	75.2	54.4	21	32.7	30.5	5.8	4.3			
HAWTHORNE	908	13382	59.9	60.4	100	61.1	32.5	3.2	7.4			
	815	13383	49.7	60.5	100	66.5	27.4	0.0	0.0			
	752	13384	60.1	60.4	100	61.0	34.4	2.8	5.0			
	711	13385	60.2	60.5	100	61.0	34.9	2.7	5.6			
	658	13390	60.7	60.5	100	60.7	31.8	2.4	6.1			
	638	13391	60.3	60.5	100	60.9	27.5	2.6	6.9			
	444	13392	60.8	60.7	100	60.7	34.8	2.7	6.6			
	405	13393	61.7	60.9	92	60.3	36.2	1.3	6.6			
	373	13394	62.8	61.3	91	59.9	48.3	1.9	6.1			
	270	13395	62.8	61.6	92	60.1	40.6	1.3	6.0			
	158	13400	63.2	61.8	97	61.8	35.4	1.6	6.0			
	20	13401	63.9	62.1	91	61.6	31.0	1.5	6.0			
	20	13402	65.3	62.5	83	61.0	31.9	1.4	4.9			
	20	13403	64.8	62.9	90	61.5	32.2	0.9	5.4			
	20	13404	66.0	63.6	90	63.1	29.0	0.6	5.3			
	20	13405	65.9	63.5	90	63.1	0.0	0.0	90.2			
	20	13410	49.7	63.6	100	70.9	11.8	0.0	0.0			
	20	13411	65.2	63.8	97	63.7	31.3	0.5	3.4			
	20	13412	64.8	64.3	99	64.1	31.2	0.5	3.6			
	20	13413	65.3	64.5	93	64.0	30.6	0.5	3.5			
	20	13414	65.3	64.1	92	63.8	31.3	0.5	3.5			
	20	13440	67.0	65.1	91	63.4	30.9	0.7	2.7			
	20	13441	49.7	65.3	100	73.1	14.3	0.0	19.4			
	20	13442	67.5	65.4	91	65.1	32.2	0.7	2.6			
	20	13443	67.5	65.6	91	65.2	31.8	0.8	2.7			
	20	13444	67.5	65.6	91	65.2	31.7	0.8	2.9			
	20	13445	67.3	65.3	91	65.2	29.4	0.8	2.9			
	20	13450	65.2	65.1	100	64.3	30.6	1.0	3.1			
	20	13451	65.2	64.7	99	64.1	29.6	1.0	3.2			
	20	13452	66.3	64.8	91	63.6	30.1	1.0	2.8			
	20	13453	65.4	64.3	92	63.8	31.1	0.9	3.4			
	103	13454	65.7	63.2	84	61.2	28.1	2.2	4.0			
	182	13455	64.2	62.1	90	61.4	31.0	1.7	4.9			
	262	13460	63.7	61.9	91	61.6	30.8	1.5	5.0			
	349	13461	62.6	61.6	92	60.2	31.0	1.4	5.6			
	428	13462	61.3	61.1	100	60.7	27.1	2.1	4.2			
	444	13463	61.7	60.9	92	60.3	31.0	1.7	4.2			
	468	13464	61.3	61.0	99	60.6	31.6	1.8	5.3			
	669	13465	60.6	60.6	100	60.8	31.4	2.2	4.5			
	773	13470	60.2	60.3	100	60.9	32.4	2.6	3.6			
	752	13471	60.4	60.3	100	60.7	27.5	2.0	6.0			
	898	13472	59.2	59.9	100	61.2	29.7	3.2	6.2			
	1033	13473	58.4	59.4	100	59.6	34.5	5.3	6.9			
	1044	13474	59.1	59.4	100	59.2	33.5	3.1	8.2			
	1190	13475	58.4	59.3	100	59.5	27.3	7.0	8.5			
	1335	13480	68.2	59.0	58	52.8	34.8	6.3	14.5			
	1408	13481	70.1	59.1	52	51.4	32.6	5.1	17.0			
	1523	13482	72.0	58.2	45	49.2	39.2	5.1	13.6			
	1616	13483	74.4	56.0	27	39.2	38.9	4.5	12.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-031
AIRCRAFT DATA FLIGHT NUMBER 06 DATA DATE 09/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	1721	13484	75.7	55.5	25	37.0	39.8	4.4	11.1			
	1814	13485	76.6	54.1	18	30.1	39.7	4.4	8.5			
	1939	13490	76.8	53.1	16	28.1	39.1	4.1	6.5			
	2002	13491	76.9	52.7	16	27.2	39.5	4.2	4.9			
	2012	13492	77.3	52.5	12	21.2	37.0	4.1	4.7			
	2012	13493	77.5	52.4	12	20.5	36.1	4.1	4.9			
	2054	13494	77.7	51.8	11	18.6	38.4	3.9	4.0			
	2158	13495	77.3	50.4	7	8.8	37.9	4.1	3.8			
	2179	13500	77.4	50.1	7	7.3	37.5	4.0	3.6			
	2200	13501	77.3	50.2	7	8.0	37.9	3.9	3.3			
	2252	13502	77.3	50.6	7	9.5	38.7	3.9	3.4			
	2304	13503	76.8	50.6	8	11.2	36.9	3.8	4.0			
	2470	13512	77.6	52.1	12	19.5	34.3	3.9	3.3			
	2481	13520	76.9	51.6	12	20.0	34.1	4.0	3.3			
	3137	13580	74.5	54.2	22	33.4	33.7	3.7	8.1			
	3709	13590	73.7	47.4	6	2.2	35.9	4.0	5.3			
EL MONTE	3918	14001	75.0	44.3	0	-30.8	34.1	4.3	4.9			
	3814	14005	74.7	46.8	1	-30.9	30.8	4.7	4.6			
	3408	14014	74.6	52.6	17	26.8	36.7	4.2	4.3			
	3137	14024	75.4	55.3	25	37.1	33.9	3.9	4.4			
	2762	14034	75.4	53.0	19	30.3	33.1	3.9	4.8			
	2429	14044	75.0	56.1	27	38.6	27.3	4.4	8.8			
	2043	14054	73.2	63.5	61	59.0	33.3	3.1	28.1	1.8	2.1	4.4
	1877	14064	72.8	62.8	56	56.6	29.2	2.8	28.6			
	1491	14074	74.0	63.0	54	56.0	35.9	2.3	26.1			
	1085	14084	74.4	64.1	56	58.6	17.4	3.4	27.4			
	971	14094	75.3	64.8	56	58.5	22.3	1.6	26.7	1.6	2.2	3.9
	700	14104	77.5	65.7	56	59.8	22.8	1.1	28.0			
	1148	14114	73.3	64.1	61	59.3	15.5	4.1	26.7			
	1033	14124	74.4	64.6	57	58.9	23.6	1.5	29.0			
	742	14134	76.6	65.3	56	60.1	26.4	1.1	25.4	2.6	2.3	3.8
	301	14144	78.6	67.8	58	62.6	21.0	0.5	24.1			

SCOTT RESEARCH LABORATORIES CPA70-6114211135R043 RUN DATE 02/04/70-032
AIRCRAFT DATA FLIGHT NUMBER 07 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	262	07511	68.9	65.1	77	62.4	10.5	0.1	1.2			
	262	07512	69.3	65.2	77	62.2	10.6	0.1	1.3			
	262	07513	69.0	65.4	83	64.4	10.8	0.0	1.4			
	262	07514	69.3	65.6	83	64.3	10.7	0.1	1.2			
	262	07515	69.0	65.4	83	64.4	10.3	0.1	1.2			
	302	07521	69.2	64.8	76	62.0	10.9	0.5	1.8			
	357	07522	69.0	64.4	76	61.9	11.4	0.4	2.7			
	421	07523	69.0	64.2	76	61.8	13.3	* 0.5	2.4			
	453	07524	69.1	64.0	75	61.6	11.2	0.1	3.1			
	680	07531	71.9	62.7	60	57.1	15.2	0.8	2.2			
	742	07532	73.9	61.4	48	52.6	16.6	1.1	3.3			
	805	07533	73.5	61.2	48	52.8	16.5	1.3	3.7			
	857	07534	74.0	61.1	48	52.3	14.1	1.4	4.7			
	899	07535	75.9	60.9	42	50.7	13.1	1.5	4.7			
	992	07540	77.0	60.7	38	49.6	14.6	1.5	4.2			
	930	07541	77.3	61.3	39	49.9	14.5	1.4	4.2			
	972	07542	76.9	61.7	43	53.0	13.9	1.6	4.7			
	1107	07543	77.7	61.7	42	52.4	12.1	2.8	7.5			
	1138	07544	77.0	61.7	43	52.9	15.7	1.7	6.5			
	1211	07545	78.5	61.2	35	48.8	16.5	1.9	4.0			
	1294	07550	79.2	60.1	33	47.2	17.9	2.0	3.6			
	1336	07551	79.2	59.2	29	43.5	17.9	2.3	5.6			
	1367	07552	79.7	59.3	27	43.1	17.3	2.2	6.1			
	1388	07553	80.8	59.3	25	42.0	17.6	2.2	6.5			
	1409	07554	81.6	58.7	23	40.4	17.6	2.2	7.0			
	1451	07555	81.7	58.6	22	40.2	17.4	* 2.3	7.6			
	1451	07560	81.7	59.1	23	40.8	17.4	2.4	7.7			
	1440	07561	81.3	59.5	25	41.6	17.8	2.1	7.4			
	1503	07562	81.5	59.1	23	41.0	17.9	2.1	7.8			
	1638	07563	81.5	58.7	23	40.5	14.9	2.0	7.2			
	1690	07564	82.2	58.1	21	39.1	14.8	1.8	6.4			
	1794	07565	81.8	57.3	18	34.9	14.0	1.6	5.9			
	1857	07570	81.8	56.7	18	34.1	13.7	1.5	5.7			
	1940	07571	81.5	56.3	17	34.0	13.8	1.5	5.4			
	1940	07572	81.5	56.4	18	34.1	13.8	1.5	5.6			
	2034	07573	82.6	56.3	16	32.4	13.8	* 1.7	5.9			
	2211	07574	82.0	56.5	17	33.5	15.1	1.8	5.1			
	2221	07575	82.5	56.8	17	33.2	15.7	1.5	4.5			
	2304	07580	82.4	56.8	17	33.4	20.8	1.4	4.3			
	2419	07581	81.9	56.8	18	34.1	19.8	1.6	3.9			
	2471	07582	81.7	56.7	18	34.2	23.8	1.7	4.2			
	2367	07583	83.0	57.0	17	32.8	15.9	1.8	3.6			
	2367	07584	83.2	56.9	16	32.4	18.4	1.9	4.3			
	2450	07585	83.0	58.0	18	34.2	19.5	2.4	3.9			
	2575	07590	82.1	59.0	22	40.2	20.1	2.5	3.4			
	2648	07591	81.7	59.6	23	41.3	20.1	2.6	3.7			
	2690	07592	81.6	60.5	27	45.4	20.0	2.8	3.7			
	2752	07593	81.2	59.6	25	41.8	20.3	3.0	3.5			
	2794	07594	80.9	59.5	26	42.1	19.6	3.1	3.2			
	2867	07595	80.9	58.7	25	41.2	18.5	3.3	3.2			
	2877	08000	81.0	58.4	24	40.8	20.1	3.1	3.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-033
AIRCRAFT DATA FLIGHT NUMBER 07 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2877	08001	81.1	58.1	24	40.3	19.8		3.2	3.4			
COMMERCE	2315	08053	81.6	54.5	13	26.6	29.5		2.4	2.4			
	2242	08054	81.8	54.5	13	26.2	25.6	*	2.8	3.7			
	2096	08055	82.6	54.8	12	25.3	19.3		2.1	4.6			
	2023	08060	83.0	55.5	13	25.8	17.9		2.1	4.4			
	1940	08061	83.0	56.4	16	31.9	17.9		1.9	5.4			
	1940	08062	82.4	56.6	17	33.1	15.3		2.0	7.0			
	1857	08063	82.2	56.4	17	33.1	16.1		1.9	7.1			
	1711	08064	82.6	56.9	17	33.2	14.7	*	2.1	7.4			
	1680	08065	82.2	57.3	18	34.4	13.3		2.6	5.4			
	1575	08070	82.7	58.2	21	38.6	16.6		1.6	7.9			
	1513	08071	82.4	58.8	22	39.6	12.1		3.1	8.0			
	1398	08072	81.9	59.1	23	40.5	14.7		2.7	8.0			
	1430	08073	82.2	59.2	22	40.3	17.9		1.2	10.9			
	1388	08074	82.9	58.6	21	38.8	13.7		1.1	9.1			
	1242	08075	82.4	59.3	22	40.2	13.6		0.6	8.5			
	1159	08080	83.1	59.5	22	39.6	14.6		0.8	8.3			
	1096	08081	81.3	59.6	25	41.7	18.6	*	1.3	7.5			
	1055	08082	80.8	59.3	25	42.0	23.2		1.6	8.9			
	1003	08083	81.5	59.4	23	41.3	25.0		1.7	8.6			
	972	08084	80.0	59.6	27	43.1	19.5		1.7	12.0			
	919	08085	79.7	58.9	26	42.7	15.3		1.2	10.6			
	888	08090	79.1	57.9	24	39.1	15.5		1.4	7.8			
	857	08091	78.4	57.9	25	39.9	16.6		1.3	7.6			
	784	08092	76.4	61.1	39	50.4	15.2	*	1.1	9.3			
	690	08093	73.9	62.4	54	55.6	15.0		0.9	7.3			
	690	08094	73.5	62.5	54	56.0	14.9		1.0	7.5			
	701	08095	74.7	62.1	49	54.9	15.8		1.2	6.7			
	680	08100	73.1	62.8	55	56.4	16.8		1.2	8.0			
	722	08101	76.5	62.3	44	53.7	15.8		1.5	7.0			5.8
	774	08102	77.6	61.1	38	49.5	14.3		1.6	8.9			
	815	08103	78.4	60.8	35	48.5	13.4		1.8	8.7			
	857	08104	78.6	60.6	34	48.2	15.3		1.5	9.2	1.1	4.3	1.3
	888	08105	79.0	60.5	34	47.8	16.6		1.9	8.2			
	940	08110	79.0	60.4	34	47.7	18.9		0.6	10.1			
	961	08111	78.4	60.5	34	48.3	17.6		1.1	8.5			
	940	08112	78.9	60.3	34	47.7	17.5		1.0	9.0			
	961	08113	78.4	60.2	34	48.0	18.5		1.1	8.4			
	992	08114	79.1	59.6	29	44.0	19.8		1.1	9.1			
	1096	08115	80.4	59.7	26	42.8	20.2		1.1	9.4			
	1149	08120	80.9	59.4	25	42.0	21.5		1.3	8.8			
	1221	08121	82.7	58.9	22	39.4	24.7		1.8	8.1			
	1294	08122	82.6	58.8	22	39.4	27.8		1.8	7.3			
	1326	08123	82.2	58.8	22	39.9	22.8		2.1	8.0			
	1367	08124	82.0	58.8	22	40.1	18.2	*	2.3	9.3			
	1430	08125	82.0	58.9	22	40.2	19.3		2.0	9.6	3.5	3.9	0.8
	1419	08130	82.4	58.9	22	39.7	20.6		1.9	9.6			
	1430	08131	82.7	59.1	22	39.6	19.9		2.0	10.6			
	1419	08132	82.4	59.0	22	39.9	20.7		2.1	10.8			
	1430	08133	81.9	59.1	23	40.5	20.2		2.2	11.9			
	1461	08134	82.8	59.0	22	39.4	18.2		2.4	11.4			

SCOTT RESEARCH LABORATORIES CPA70-6114211135R043 RUN DATE 02/04/70-034
AIRCRAFT DATA FLIGHT NUMBER 07 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE	1555	08135	82.4	58.8	22	39.6	17.1	2.6	9.4			
	1607	08140	82.2	58.6	22	39.6	17.4	2.6	8.6			
	1638	08141	82.1	58.6	22	39.7	17.6	2.3	8.4			
	1690	08142	81.9	58.4	22	39.7	18.7	2.7	7.6			
	1784	08143	81.7	57.8	19	35.7	21.7	2.4	6.7			
	1836	08144	81.5	57.1	18	35.1	21.5	2.2	6.1			
	1888	08145	81.3	56.9	19	35.1	22.3	2.1	6.4			
	1930	08150	81.1	56.8	19	35.2	21.5	2.1	6.3			
	1950	08151	81.6	56.9	18	34.6	21.2	2.2	6.3			
	1940	08152	81.5	56.9	18	34.8	21.4	* 1.8	6.5			
	2023	08153	81.5	56.5	18	34.2	18.5	1.9	5.9			
	2075	08154	81.3	56.4	19	34.4	19.8	2.0	5.9			
	2169	08155	81.1	56.1	16	30.2	24.1	2.0	5.2			
	2231	08160	80.9	55.3	15	29.2	25.4	2.4	4.4			
	2273	08161	80.6	55.0	15	29.2	29.2	2.5	3.3			
	2346	08162	80.8	55.0	15	28.9	31.0	2.7	2.8			
	2419	08163	80.6	55.0	15	29.2	28.1	3.0	3.3			
	2471	08164	80.2	54.9	16	29.7	22.5	3.0	3.5			
	2450	08165	80.4	55.1	16	29.7	23.6	* 2.7	4.1			
	2513	08170	80.0	54.7	16	29.7	21.8	3.0	4.1			
	2586	08171	79.9	54.4	13	24.8	22.2	2.9	4.6			
	2658	08172	79.7	54.1	13	24.6	22.5	3.0	4.3			
	2710	08173	79.9	53.8	12	23.6	22.1	3.0	4.8			
	2773	08174	79.7	53.5	12	23.3	22.0	3.1	4.4			
	2867	08175	79.3	56.6	22	37.3	21.6	* 3.1	4.0			
	2908	08180	79.1	58.2	28	42.6	22.0	3.1	4.3			
	2929	08181	79.2	58.7	28	43.0	22.6	3.1	4.5			
	2940	08182	79.3	59.2	28	43.4	22.3	3.2	3.9			
	2929	08183	79.4	59.4	29	43.5	20.6	3.7	3.5			
	2908	08184	79.7	59.3	27	43.1	20.0	3.9	3.4			
	2877	08190	79.9	58.7	26	42.3	23.9	3.3	3.2			
	2773	08232	80.4	57.1	21	36.5	26.6	2.7	2.9			
HAWTHORNE	2700	08233	80.9	57.3	20	36.1	19.2	2.7	3.0			
	2575	08234	81.9	55.5	14	27.8	24.5	2.4	2.8			
	2481	08235	82.7	54.9	12	25.3	24.1	2.4	2.4			
	2388	08240	83.2	55.0	12	24.5	22.4	2.2	2.1			
	2263	08241	83.9	55.0	11	23.1	17.6	2.1	2.2			
	2169	08242	84.4	55.1	10	22.2	17.5	1.8	2.4			
	2086	08243	84.4	54.9	10	21.8	17.0	1.7	2.4			
	1971	08244	84.8	56.0	11	23.3	19.7	1.7	2.3			
	1919	08245	84.4	55.3	10	22.6	20.9	1.5	2.5			
	1857	08250	83.9	55.2	11	23.5	16.3	1.4	2.7			
	1742	08251	82.7	57.1	17	33.4	17.0	1.5	4.9			
	1680	08252	82.5	56.5	17	32.8	20.3	1.2	6.0			
	1617	08253	82.4	56.4	17	32.8	19.9	1.9	5.9			
	1544	08254	82.2	56.7	17	33.5	16.6	1.7	6.8			
	1451	08255	82.0	57.4	18	34.8	17.1	1.5	6.6			
	1440	08260	81.5	57.6	19	35.7	16.8	1.5	7.3			
	1367	08261	80.2	58.4	25	41.6	14.5	2.4	7.6			
	1284	08262	80.3	57.3	21	36.9	15.2	1.8	7.7			
	1221	08263	80.4	57.0	20	36.4	14.7	2.0	6.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-035
AIRCRAFT DATA FLIGHT NUMBER 07 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
HAWTHORNE	1149	08264	80.7	56.9	20	35.9	16.0	1.8		6.9			
	1096	08265	79.9	56.4	20	36.2	17.3	1.0		6.2			
	1055	08270	80.2	56.4	20	35.9	17.1	0.6		6.1			
	930	08271	79.2	56.6	23	37.4	15.1	1.3		6.8			
	815	08274	73.8	60.0	44	51.6	16.2	1.1		7.4			
	815	08275	75.0	59.5	38	47.7	16.2	1.3		7.2			
	805	08280	75.3	57.9	32	43.2	16.7	1.3		6.6			
	753	08281	73.4	59.7	43	49.3	16.8	2.2	*	34.8			
	711	08282	72.8	60.9	49	53.1	16.5	1.1		6.7			
	690	08283	69.5	63.1	68	58.9	15.2	1.0		6.8			
	670	08284	68.9	64.5	76	62.0	15.4	0.9		2.8			
	524	08285	69.6	64.5	75	61.6	14.9	1.4		2.5			
	492	08290	69.1	64.5	76	61.9	16.0	0.8		3.0			
	437	08291	68.6	65.8	90	64.8	13.8	0.6		2.4			
	357	08292	68.6	65.8	90	64.8	13.5	0.7	*	2.3			
	230	08293	69.2	66.2	84	64.7	13.3	0.5		1.8			
	39	08294	69.5	66.4	84	64.6	12.9	0.8		1.5			
	20	08295	69.5	66.7	84	64.8	13.4	0.3		1.1			
	24	08300	69.0	67.1	91	67.1	13.2	0.4		2.0			
	20	08301	69.5	68.0	92	67.3	13.2	0.3		1.7			
	20	08302	69.1	68.3	93	67.6	13.3	0.3		1.7			
	24	08501	73.1	70.4	85	68.6	18.5	0.4		2.2			
	24	08502	71.9	69.6	91	68.8	19.7	0.4	*	1.8			
	20	08503	71.0	69.4	92	69.1	19.7	0.5		2.5			
	20	08504	71.1	68.0	84	66.5	17.7	0.6		2.9			
	159	08505	70.8	67.2	83	66.3	16.7	0.9		4.3			
	270	08510	70.0	66.6	83	64.5	16.1	0.5		4.3			
	349	08511	69.2	66.4	84	64.8	16.6	0.5		4.5			
	413	08512	68.8	66.2	90	64.9	17.9	0.6		3.4			
	492	08513	68.0	65.7	90	65.0	17.8	0.8		2.2			
	670	08514	68.6	65.0	83	62.5	16.6	1.0		2.1			
	753	08515	71.4	62.7	61	57.5	17.7	1.2		3.1			
	857	08520	74.5	59.0	38	47.7	17.2	1.2		6.0			
	930	08521	76.0	57.6	31	42.2	17.5	1.2		7.4			
	1055	08522	77.7	57.0	26	39.7	17.3	1.3		6.6			
	1086	08523	79.9	56.9	21	36.9	17.9	1.2		6.3			
	1055	08524	78.6	57.3	24	39.0	17.7	1.2	*	6.0			
	1107	08525	80.4	56.7	20	36.0	17.5	1.3		6.7			
	1253	08530	80.6	56.4	20	35.3	17.1	1.2		6.0			
	1305	08531	80.3	57.0	21	36.5	17.0	1.2	*	6.7			
	1409	08532	80.6	57.6	21	36.9	17.3	1.4		8.0			
	1492	08533	82.3	57.4	18	34.4	17.9	1.5		8.7			
	1596	08534	82.4	57.0	17	33.7	18.8	1.5		8.2			
	1669	08535	82.3	56.4	17	33.0	18.4	1.6		7.7			
	1742	08540	83.3	56.2	12	26.6	18.9	1.7		7.1			
	1846	08541	84.3	54.9	10	22.0	19.3	1.9		5.4			
	1909	08542	85.0	54.7	9	19.9	21.4	1.9		4.1			
	2002	08543	85.2	55.1	9	20.4	20.5	2.1	*	3.8			
	2075	08544	84.8	55.2	10	21.5	23.2	2.7		3.5			
	2169	08545	84.6	55.1	10	21.8	22.2	2.5		3.7			
	2252	08550	84.2	55.0	10	22.4	25.1	2.6		3.4			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-036
AIRCRAFT DATA FLIGHT NUMBER 07 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
HAWTHORNE	2325	08551	83.7	55.3	11	24.1	30.1	2.6		4.0			
	2419	08552	83.0	57.0	17	32.8	23.5	2.5		3.7			
	2481	08553	82.4	58.6	22	39.4	23.1	2.5		3.5			
	2533	08554	82.1	58.7	22	39.9	23.4	2.7		3.7			
	2513	08555	82.9	58.4	21	38.6	23.8	2.8	*	3.5			
	2513	08560	83.3	57.6	16	33.2	27.1	3.0		3.6			
	2669	08561	81.8	58.4	22	39.9	26.6	3.5		3.6			
	2763	08562	80.7	58.9	25	41.6	32.5	3.4		3.3			
	2825	08563	80.4	58.7	25	41.7	30.8	3.7		3.1			
	2908	08564	80.0	58.9	26	42.4	29.5	3.9		3.3			
	2929	08565	80.2	59.0	26	42.3	29.1	3.9		3.3			
	2940	08570	80.2	59.0	26	42.3	28.4	4.0		3.1			
	2929	08571	80.6	58.9	25	41.7	30.9	3.9		3.3			
	2908	08572	80.8	59.1	25	41.7	32.0	3.7		3.1			
	2888	08573	81.1	59.0	25	41.3	30.8	3.9		2.9			
	2846	08574	81.5	58.9	23	40.8	31.5	3.8		3.4			
	2846	08575	81.6	57.9	19	36.0	31.5	3.9		3.3			
	2835	08580	81.6	57.8	19	35.9	30.4	3.9		3.0			
	2815	08581	81.9	57.8	19	35.5	30.1	3.9		2.7			
	2835	08582	81.7	57.5	18	35.3	31.0	3.9	*	2.8			
	2825	08583	81.8	57.3	18	34.9	30.2	3.9		2.7			
	2794	08584	82.1	57.0	18	34.1	31.2	3.9		2.7			
	2815	08585	81.7	57.3	18	35.1	31.5	3.9		2.9			
	2804	08590	82.0	57.3	18	34.6	30.7	3.9		2.7			
	2919	09000	81.0	58.7	25	41.1	31.0	3.7		4.1			
COMMERCE	2794	09003	81.5	58.7	23	40.5	24.9	3.9		3.9			
	2731	09004	82.0	58.6	22	39.9	22.8	4.0		3.4			
	2690	09005	82.2	59.5	23	40.6	21.0	4.3		3.8			
	2586	09010	83.0	59.1	22	39.3	20.8	4.2		3.3			
	2523	09011	83.4	58.9	20	38.6	27.0	3.3		2.9			
	2492	09012	83.7	57.3	15	32.2	27.6	3.2		3.9			
	2429	09013	83.7	54.7	10	22.8	28.6	3.0		4.1			
	2429	09014	83.5	54.9	11	23.7	28.2	2.7	*	4.1			
	2346	09015	84.0	54.3	7	14.9	27.2	2.9		3.4			
	2263	09020	84.7	54.3	7	12.8	28.1	2.7		2.9			
	2242	09021	84.6	54.5	9	20.4	34.3	3.1		3.7			
	2179	09022	84.7	54.5	9	20.2	43.8	3.4		3.1			
	2044	09023	84.8	55.3	10	21.8	42.2	3.5		2.7			
	1982	09024	85.3	55.5	9	21.1	29.5	3.7		3.8			
	1950	09025	85.5	55.8	9	21.3	28.9	3.5		4.4			
	1909	09030	84.9	55.8	10	22.6	28.9	3.9		4.4			
	1888	09031	84.6	55.9	11	23.5	29.3	3.8	*	5.1			
	1815	09032	52.5	56.6	100	59.7	0.0	0.0		0.0			
	1690	09033	51.9	57.1	100	60.4	7.3	0.0		6.6			
	1628	09034	84.8	57.3	14	30.5	29.1	3.5		6.1			
	1596	09035	84.7	57.9	15	31.6	25.8	3.3		8.0			
	1544	09040	84.2	58.0	16	32.5	21.9	4.4		7.0			
	1471	09041	82.9	59.1	22	39.4	28.2	3.1		9.1			
	1503	09042	82.4	59.2	22	40.1	28.7	2.6		10.8			
	1471	09043	82.2	59.0	22	40.1	23.2	3.2		9.7			
	1398	09044	82.0	59.4	23	40.8	24.5	3.3		9.9			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-037
AIRCRAFT DATA FLIGHT NUMBER 07 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	1326	09045	80.8	60.4	30	46.1	25.9		2.1	9.9			
	1242	09050	80.3	60.9	31	47.0	27.3		1.9	8.0			
	1201	09051	79.5	60.2	33	47.1	25.9		1.5	10.9			
	1169	09052	79.2	60.1	33	47.2	27.4		1.6	10.9			
	1117	09053	77.5	63.4	45	53.8	24.7		1.6	8.9			
	1055	09054	77.2	63.4	45	54.0	25.9		1.2	8.3			
	1003	09055	77.3	63.2	45	53.8	27.2		1.0	9.4			
	982	09060	76.5	63.9	50	57.1	27.4	*	0.5	10.2			
	961	09061	76.4	63.4	46	54.6	29.1		1.2	7.8			
	899	09062	76.2	63.5	50	57.1	36.5		1.3	7.4			
	857	09063	74.9	64.5	56	58.5	35.4		1.8	7.5			
	753	09064	75.1	65.6	62	61.2	23.0		1.6	9.9			
	711	09065	75.8	65.4	61	60.7	24.0	*	1.3	6.2	4.2	26.4	11.3
	701	09070	76.1	65.4	57	60.5	23.8		1.5	9.3			
	732	09071	76.9	65.8	56	60.3	21.9		1.8	7.8			
	815	09072	77.1	64.8	51	57.3	24.4		2.3	7.5			
	867	09073	76.8	64.3	50	57.2	24.4		2.4	8.3			
	972	09074	76.2	63.6	50	57.1	26.0		2.8	6.2			
	951	09075	76.4	63.4	46	54.6	26.9	*	2.4	6.3			
	1034	09080	75.9	63.0	49	54.6	23.0		2.5	8.2			
	1128	09081	78.7	62.5	40	52.2	23.7		3.0	7.8			
	1180	09082	79.1	61.1	34	48.2	23.5		3.4	7.3			
	1284	09083	80.8	60.4	30	46.1	27.9		2.8	9.8			
	1357	09084	82.0	59.6	23	41.0	29.9		2.6	9.9			
	1419	09085	82.1	59.3	23	40.5	25.1		3.3	10.9			
	1482	09090	82.1	59.0	22	40.2	27.2		3.3	9.8			
	1503	09091	82.4	59.0	22	39.9	29.3		2.6	9.6			
	1492	09092	82.2	59.4	23	40.5	31.1	*	3.2	11.7			
	1638	09093	84.0	58.1	19	36.8	33.7		2.8	9.2			
	1794	09094	84.1	57.0	15	31.2	34.5		3.1	6.8			
	1857	09095	84.0	56.8	15	31.0	34.9		3.5	6.2			
	1950	09100	84.9	55.8	10	22.6	35.4		3.2	4.9			
	1982	09101	84.7	55.9	11	23.3	33.6	*	2.9	3.7			
	2023	09102	84.2	55.7	11	23.9	41.8		3.2	3.4			
	2148	09103	84.4	54.8	10	21.5	40.9		3.3	3.1			
	2190	09104	84.4	54.8	10	21.5	44.7		3.4	3.0			
	2263	09105	84.0	54.8	10	22.4	37.3		3.6	2.9			
	2325	09110	83.7	54.7	10	22.8	32.2		4.0	4.1			
	2388	09111	83.4	54.3	8	16.5	33.4		3.6	4.3			
	2440	09112	83.2	54.1	8	16.5	34.2		3.7	4.8			
	2461	09113	83.2	54.6	11	23.7	34.7	*	3.6	5.1			
	2502	09114	83.0	55.8	13	26.4	33.1		3.9	4.3			
	2565	09115	82.4	58.7	22	39.5	29.9		3.9	4.4			
	2638	09120	82.0	58.9	22	40.2	29.8		3.9	4.0			
	2690	09121	81.6	59.1	23	40.9	28.4		3.8	3.8			
	2710	09122	81.5	59.1	23	41.0	28.0		3.9	4.0			
	2804	09123	80.8	59.3	25	42.0	28.8		3.9	4.1			
	2856	09124	80.5	59.4	26	42.4	30.1		3.9	3.9			
	2929	09125	80.0	59.9	30	46.3	31.1		4.2	3.2			
	2929	09130	80.5	59.5	26	42.5	32.1	*	3.8	3.0			
	2888	09131	80.8	59.9	29	45.6	33.2		3.9	3.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-038
AIRCRAFT DATA FLIGHT NUMBER 07 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	2867	09132	80.9	60.1	29	45.7	33.8		3.9	3.2			
	2908	09133	80.6	59.9	29	45.8	35.6		4.2	2.9			
	2929	09134	80.5	59.9	30	45.9	45.1		3.9	3.5			
	2919	09135	80.6	59.9	29	45.8	48.7		3.6	3.5			
	2960	09140	80.2	60.0	30	46.2	34.7		3.7	3.9			
	2960	09141	80.4	60.2	30	46.2	36.6		3.6	4.0			
	2940	09142	80.5	60.0	30	46.0	36.1		3.7	3.7			
	2940	09143	80.6	60.2	30	46.1	37.5		3.6	3.7			
	2940	09144	80.6	60.5	30	46.3	37.0		3.5	3.6			
	2940	09145	80.7	59.9	29	45.7	39.4		3.5	4.1			
	2940	09150	80.6	59.8	26	42.7	40.5		3.1	8.6			
	2981	09151	80.4	60.0	30	46.1	39.2		3.2	7.6			
	2960	09152	80.8	59.9	29	45.6	32.5		3.0	7.0			
	2981	09153	80.6	59.9	29	45.8	32.7		1.6	10.7			
	3012	09154	80.5	59.9	30	45.9	32.7		2.9	4.9			
	2992	09155	80.6	60.2	30	46.1	25.1		2.8	4.1			
	2992	09160	80.8	60.3	30	46.0	29.1		2.8	4.5			
	2971	09161	81.1	59.9	29	45.3	28.1		2.8	4.2			
	2981	09162	81.1	60.1	29	45.5	26.4		2.7	4.5			
	2940	09163	81.3	60.8	30	46.0	24.6		2.8	4.5			
	2940	09164	81.7	60.7	27	45.5	26.8		2.7	4.4			
	2919	09165	81.8	60.5	27	45.2	27.2		2.7	3.5			
	2898	09170	81.9	61.0	28	45.6	23.1		2.6	3.5			
	2888	09171	82.1	59.8	23	41.1	23.3		2.6	3.3			
	2877	09172	82.2	59.9	26	44.2	29.5		2.6	3.5			
	2888	09173	82.1	58.5	22	39.6	24.9		2.7	3.5			
	2867	09174	82.2	58.2	21	39.2	25.7		2.7	3.5			
	2856	09175	82.4	58.1	21	38.8	23.9		2.7	3.9			
	2877	09180	82.3	57.9	18	35.1	24.8		2.8	3.6			
	2856	09181	82.4	58.0	18	35.1	23.5	*	2.8	3.7			
EL MONTE	2888	09182	82.2	58.1	21	39.1	29.7		2.7	4.2			
	2888	09183	81.8	57.2	18	34.8	32.4		2.7	3.9			
	2815	09184	82.0	57.8	18	35.3	22.4		3.1	4.1			
	2731	09185	82.0	57.9	19	35.5	19.3		3.0	5.6			
	2648	09190	82.6	57.6	18	34.2	28.4		2.5	4.8			
	2565	09191	82.9	57.6	17	33.8	21.4		2.3	5.1			
	2492	09192	83.4	57.9	16	33.5	28.8		2.4	4.8			
	2440	09193	83.5	57.7	16	33.1	34.3	*	2.3	5.2			
	2356	09194	83.9	57.6	15	32.4	21.6		2.3	5.2			
	2263	09195	84.5	57.6	15	31.5	30.8		2.2	4.8			
	2169	09200	84.8	57.9	15	31.5	24.1		2.3	4.9			
	2075	09201	85.3	57.5	13	30.1	33.0		2.4	5.7			
	2013	09202	85.4	57.3	13	29.6	25.3		2.3	6.1			
	2002	09203	85.1	57.9	14	31.0	24.6		2.3	5.7			
	1982	09204	84.6	57.4	15	31.0	21.9	*	2.2	5.5			
	1909	09205	84.8	57.7	15	31.2	24.3		2.4	5.5			
	1836	09210	85.3	57.5	13	30.1	36.5		2.2	4.5			
	1690	09211	86.1	57.7	13	29.1	35.1		2.0	4.3			
	1617	09212	86.7	58.1	15	33.2	36.7		2.2	4.5			
	1575	09213	86.7	58.4	15	33.6	35.8		2.4	5.4			
	1461	09214	87.0	59.0	15	34.1	33.6		2.7	5.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-039
AIRCRAFT DATA FLIGHT NUMBER 07 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	1419	09215	86.5	59.3	16	35.1	35.2	* 2.2	7.3	1.3	2.3	0.5
	1398	09220	86.5	59.3	16	35.1	34.5	2.3	8.0			
	1398	09221	86.3	59.3	17	35.4	24.4	2.0	7.3			
	1367	09222	86.6	59.5	16	35.3	30.4	1.7	7.5			
	1346	09223	86.6	59.8	17	35.7	23.2	1.6	8.1			
	1346	09224	86.4	59.6	17	35.7	22.1	1.5	8.1			
	1284	09225	86.6	59.7	17	35.6	22.3	1.4	7.8			
	1190	09230	85.9	59.6	17	36.3	25.2	1.5	9.0			
	1159	09231	85.6	59.9	20	40.7	27.0	1.6	10.1			
	1128	09232	85.3	60.0	21	41.1	23.8	1.8	10.8			
	1086	09233	85.4	59.9	20	40.9	23.2	1.4	10.8			
	1086	09234	83.9	60.3	23	42.9	17.2	2.9	10.6			
	1044	09235	83.5	60.2	24	43.2	22.9	1.5	12.3	2.0	1.0	0.8
	1065	09240	83.4	59.8	21	39.6	23.2	1.7	10.8			
	1086	09241	84.6	59.5	19	37.8	23.9	1.6	12.3			
	1107	09242	84.6	59.3	19	37.6	25.5	* 1.5	12.1			
	1096	09243	84.4	59.5	19	38.1	23.8	1.5	11.3			
	1076	09244	84.6	59.6	19	38.0	29.8	1.5	11.5			
	1065	09245	84.9	59.6	19	37.6	26.6	1.5	10.8			
	1065	09250	84.5	59.6	19	38.1	28.4	1.6	8.9			
	982	09251	79.5	59.9	32	46.8	22.6	1.7	7.8			
	899	09252	78.0	62.8	41	53.0	21.2	1.8	11.5			
	794	09253	77.8	64.1	49	56.4	21.3	0.9	11.7			
	711	09254	77.6	65.1	50	57.2	21.6	0.8	11.3			
	680	09255	78.3	64.7	46	56.5	22.6	* 1.1	13.3			
	659	09260	78.5	65.7	51	59.3	25.9	0.9	12.2	0.7	4.4	5.5
	659	09261	78.5	65.3	51	59.0	22.5	0.9	10.6			
	670	09262	78.5	64.5	46	56.2	22.7	0.8	10.6			
	722	09263	78.3	64.6	46	56.4	23.0	1.5	11.0			
	867	09264	79.7	60.7	31	47.3	23.2	1.7	11.3			
	940	09265	81.1	59.5	25	41.8	26.2	1.7	10.6			
	1065	09270	82.4	59.3	22	40.2	25.1	2.0	9.4			
	1128	09271	82.2	59.1	22	40.2	29.0	2.0	8.0			
	1138	09272	83.7	59.6	20	39.1	23.2	2.0	10.1			
	1117	09273	83.7	59.8	20	39.3	30.4	1.9	11.2			
	1117	09274	84.2	59.7	20	38.6	33.0	1.6	12.2			
	1096	09275	84.4	59.9	23	42.0	25.4	1.7	12.9			
	1086	09280	84.3	59.8	20	38.6	21.7	2.0	11.9			
	1107	09281	84.3	59.7	20	38.4	23.2	1.8	11.7			
	1107	09282	84.6	59.6	19	38.0	25.9	2.0	11.4			
	1086	09283	84.8	59.6	19	37.7	23.8	1.5	11.1			
	1065	09284	84.7	59.8	19	38.1	24.9	1.5	11.3			
	1055	09285	84.6	60.0	23	41.9	27.1	1.5	10.8			
	1055	09290	84.6	59.9	22	41.8	27.5	1.6	11.3			
	1055	09291	84.6	59.9	22	41.8	28.0	1.6	10.0			
	1044	09292	84.7	59.9	22	41.7	26.5	1.8	9.8			
	992	09293	82.2	60.2	26	44.5	24.3	1.5	8.8			
	909	09294	81.2	61.6	31	46.8	23.9	2.0	10.9			
	826	09295	77.9	64.3	46	56.5	20.3	2.1	12.2			
	349	09303	79.1	66.6	52	59.4	29.3	0.8	10.8			
	318	09304	79.3	67.2	56	61.9	29.6	0.7	9.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-040
AIRCRAFT DATA FLIGHT NUMBER 07 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	318	09305	79.0	70.1	64	65.6	31.1		0.5	10.7			
	318	09310	79.9	71.1	65	67.7	27.2		0.6	9.5			
	318	09311	79.9	72.2	66	68.2	25.7		0.3	8.5			
	318	09312	79.6	71.6	70	68.1	24.3	*	0.3	7.5			
	318	09313	79.6	72.7	76	70.6	23.9		0.3	6.8			
	318	09314	80.0	72.2	66	68.2	26.5		0.3	7.1			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-041
AIRCRAFT DATA FLIGHT NUMBER 08 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	992	11500	81.3	65.7	45	57.5	31.0		2.7	27.6			
	1054	11501	81.0	66.2	46	58.0	26.6		3.2	26.9			
	1033	11502	81.5	66.6	43	58.0	33.2		2.7	24.6			
	1065	11503	81.5	66.7	44	58.0	33.8		3.0	26.1			
	1190	11504	80.6	65.7	46	58.0	32.2		3.9	29.0			
	1294	11505	80.0	64.3	42	55.1	33.1		4.4	26.3			
	1325	11510	79.7	64.1	42	55.1	36.1		4.3	27.1			
	1387	11511	80.6	64.1	41	54.5	43.5		3.9	28.4			
	1471	11512	80.1	62.9	36	51.5	42.1		4.3	24.3			
	1512	11513	79.9	63.1	37	51.8	41.8		4.5	25.0			
	1523	11514	80.4	59.6	26	42.7	40.2		4.5	17.8			
	1523	11515	80.0	65.3	46	58.1	37.9	*	4.4	26.9			
	1575	11520	80.1	65.0	42	55.5	43.2		4.4	28.9			
	1637	11521	79.3	65.0	46	56.0	39.2		4.7	26.6			
	1710	11522	82.0	60.3	27	44.8	46.1		4.7	21.3			
	1804	11523	80.2	60.9	31	47.1	43.8		4.9	17.5			
	1846	11524	81.7	59.9	27	44.7	42.4		4.9	15.2			
	1908	11525	81.7	59.0	23	40.6	45.4		4.8	10.5			
	1960	11530	81.7	59.4	23	41.1	48.6		4.9	8.4			
	2023	11531	79.8	59.6	27	43.3	51.3		5.1	7.1			
	1981	11532	80.8	62.9	36	50.9	43.8	*	5.0	10.5			
	1991	11533	80.4	59.8	26	42.9	44.7		4.7	14.2			
	2054	11534	80.5	58.3	25	41.2	55.0		4.6	12.2			
	2137	11535	80.0	58.7	26	42.2	56.3		4.8	7.6			
	2200	11540	80.4	59.6	26	42.7	43.2		4.9	7.3			
	2231	11541	80.2	61.0	31	47.1	41.9		4.5	5.6			
	2283	11542	80.0	61.9	35	50.8	41.4		4.4	4.8			
	2335	11543	79.8	62.8	37	51.6	42.1		4.6	4.4			
	2387	11544	79.5	62.9	39	52.0	41.8		4.7	4.6			
	2418	11545	79.5	62.9	39	52.0	42.2		4.7	3.9			
	2460	11550	79.2	62.9	40	52.2	41.8		4.9	3.8			
	2481	11551	79.2	63.0	40	52.2	44.9	*	4.7	3.7			
	2439	11552	79.9	63.1	37	51.8	45.0		4.8	3.8			
	2470	11553	79.7	63.1	37	52.0	39.5		5.4	3.9			
	2543	11554	78.8	62.9	40	52.5	37.2		5.9	3.8			
	2574	11555	78.8	62.5	40	52.2	34.7		6.2	4.5			
	2658	11560	78.2	62.5	40	52.6	33.9		6.2	3.8			
	2689	11561	78.0	62.5	40	52.8	37.1		5.9	4.9			
	2762	11562	77.4	62.4	44	53.1	45.2		5.2	4.3			
	2824	11563	77.2	62.4	44	53.3	45.3		5.2	4.1			
	2897	11564	77.0	62.2	44	53.3	45.7		5.3	4.3			
	2970	11565	76.6	61.9	44	53.4	44.8		5.3	4.6			
	2960	11570	77.0	61.9	43	53.1	43.0		5.3	4.3			
	2960	11571	77.2	61.9	43	52.9	42.5	*	5.4	4.5			
	2928	11572	77.5	61.9	43	52.7	42.3		5.3	5.0			
	2960	11573	77.4	61.9	43	52.8	47.8		5.8	5.2			
	2970	11574	77.2	62.0	43	53.0	58.0		5.7	5.1			
	2981	11575	77.5	62.0	43	52.8	62.2		5.9	4.7			
	2970	11580	77.6	62.0	43	52.7	54.6		5.9	3.6			
	2970	11581	77.6	62.0	43	52.7	46.6		5.9	3.4			
	2772	12030	77.4	59.8	33	45.8	46.7		4.0	2.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-042
AIRCRAFT DATA FLIGHT NUMBER 08 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	2772	12031	77.3	59.9	37	48.7	46.2		3.9	2.8			
	2762	12032	76.8	63.1	45	54.1	47.8	*	3.8	3.5			
	2741	12033	76.8	62.9	45	53.9	48.0		3.7	2.9			
	2627	12034	77.7	63.1	44	53.4	46.7		3.6	2.7			
	2595	12035	77.9	63.2	41	53.4	45.8		3.5	2.5			
	2543	12040	78.0	63.3	41	53.4	47.2		3.3	2.7			
	2449	12041	78.6	63.3	41	52.9	48.5		3.2	3.1			
	2429	12042	78.6	63.3	41	52.9	46.6	*	3.2	3.4			
	2397	12043	78.8	63.3	40	52.8	55.2		3.3	2.8			
	2325	12044	79.1	63.2	40	52.5	53.6		3.7	3.0			
	2220	12045	79.8	62.5	36	51.4	41.9		3.6	2.8			
	2179	12050	80.2	62.1	35	50.8	35.0		3.9	4.8			
	2064	12051	80.8	59.9	29	45.6	40.8		3.2	3.8			
	1981	12052	81.3	59.0	25	41.1	46.7		3.3	2.6			
	1960	12053	81.3	59.3	25	41.4	45.9		3.3	3.0			
	1939	12054	81.2	55.4	15	28.9	45.1		3.3	3.2			
	1835	12055	82.0	55.8	14	28.2	45.6		3.3	3.2			
	1783	12060	82.4	55.4	13	26.8	45.9		3.2	3.3			
	1679	12061	81.7	56.7	18	34.2	42.9		3.0	3.1			
	1616	12062	81.4	57.3	20	35.5	33.9		3.4	3.3			
	1564	12063	81.7	57.5	18	35.3	32.9		3.8	1.8			
	1512	12064	81.7	58.0	19	36.0	39.0		3.1	2.1			
	1491	12065	78.0	59.0	30	44.5	41.9		2.7	2.7			
	1481	12070	80.2	58.6	25	41.8	41.1	*	2.7	2.5			
	1491	12071	80.4	58.2	25	41.2	42.8		3.1	2.4			
	1419	12072	79.9	58.3	25	41.8	53.5		3.9	1.8			
	1346	12073	79.9	59.3	26	42.9	48.5		2.7	1.4			
	1294	12074	78.4	61.0	35	48.7	43.6		2.9	1.6			
	1252	12075	79.1	61.1	34	48.2	44.6		2.8	1.5			
	1169	12080	79.3	61.0	34	47.9	45.0		2.3	1.6			
	1085	12081	79.4	61.4	34	48.2	46.9		1.9	1.7			
	1044	12082	78.7	61.6	35	49.0	44.5	*	1.4	1.8			
	1033	12083	78.1	61.6	36	49.5	44.4		1.5	2.3			
	1002	12084	77.9	61.4	36	49.5	51.8		2.6	1.7			
	929	12085	78.0	60.5	35	48.6	32.0		3.2	2.4			
	877	12090	78.2	61.4	35	49.2	29.1		2.9	3.3			
	773	12091	78.6	61.6	35	49.1	44.9		2.1	4.0			
	731	12092	79.5	62.0	38	51.2	44.5	*	2.1	3.3			
	721	12093	80.3	62.2	35	50.8	42.1		1.6	7.1			
	731	12094	80.4	63.5	40	54.2	39.2		2.1	3.5			
	763	12095	80.6	64.0	41	54.4	38.5		1.3	8.8			
	835	12100	79.3	63.8	44	55.2	38.8		1.9	2.8	1.2	5.7	2.1
	867	12101	79.3	63.3	40	52.4	36.3		2.5	3.8			
	960	12102	78.9	62.9	40	52.4	31.9		2.7	3.9			
	1002	12103	79.0	63.2	40	52.5	32.5		2.7	2.6	1.5	6.0	2.1
	1023	12104	79.5	61.9	38	51.2	39.5		1.8	2.5			
	1002	12105	80.2	62.2	36	50.9	38.4	*	1.9	2.7			
	1033	12110	80.2	61.6	32	47.7	40.1		2.0	2.6			
	1044	12111	80.4	61.5	31	47.4	38.3		1.8	2.0			
	1169	12112	79.4	61.5	34	48.3	47.5		2.1	2.2			
	1242	12113	78.7	61.7	39	51.6	56.7		3.3	2.0			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-043
AIRCRAFT DATA FLIGHT NUMBER 08 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
COMMERCE	1262	12114	79.5	60.6	33	47.4	48.9	2.6		2.0			
	1294	12115	79.1	61.0	34	48.1	44.7	2.8		2.1			
	1314	12120	78.4	60.8	35	48.5	39.7	3.0		2.6			
	1387	12121	80.5	57.8	21	37.3	44.5	2.8		2.1			
	1419	12122	80.3	57.3	21	36.9	44.1	2.5		2.2			
	1491	12123	80.7	57.9	21	37.1	44.2	2.7		2.5	0.8	0.9	0.8
	1471	12124	80.9	57.4	20	36.2	45.0	2.7		1.9			
	1471	12125	81.7	57.6	19	35.5	45.4	* 2.8		2.6			
	1533	12130	82.1	57.3	18	34.5	52.8	2.6		2.4			
	1616	12131	81.7	56.1	14	29.2	49.6	3.1		2.3			
	1648	12132	82.0	55.4	13	27.5	38.0	3.3		1.8			
	1741	12133	81.7	55.3	14	27.8	33.2	3.6		2.6			
	1762	12134	81.7	55.3	14	27.8	43.9	2.9		3.5			
	1814	12135	81.6	55.3	14	28.0	42.9	3.0		4.0			
	1877	12140	81.3	56.6	19	34.6	44.5	3.0		3.2			
	1929	12141	81.1	56.1	16	30.2	44.5	3.0		3.4			
	1918	12142	81.5	59.9	27	44.9	44.1	2.8		2.8			
	1981	12143	81.1	59.0	25	41.3	43.9	* 2.9		2.8			
	2054	12144	80.8	62.0	35	50.2	38.1	3.3		2.8			
	2106	12145	80.3	62.5	36	51.0	37.7	3.4		2.7			
	2158	12150	79.9	62.4	36	51.2	39.1	3.3		2.2			
	2189	12151	79.7	62.8	37	51.7	39.9	3.3		2.1			
	2210	12152	79.7	62.8	37	51.7	44.1	3.1		2.0			
	2272	12153	79.2	62.9	40	52.2	44.1	3.0		1.8			
	2356	12154	78.9	63.4	40	52.8	47.2	3.3		1.7			
	2397	12155	78.6	63.7	45	55.6	56.8	3.8		1.6			
	2418	12160	78.6	63.7	45	55.6	45.2	3.3		1.7			
	2429	12161	78.6	63.8	45	55.7	46.1	* 3.2		1.6			
	2491	12162	78.1	63.6	45	55.9	45.1	3.4		1.9			
	2554	12163	77.7	63.5	48	56.1	46.2	3.3		1.7			
	2616	12164	77.7	63.5	48	56.1	45.5	3.2		1.3			
	2679	12165	77.3	63.4	45	53.9	45.7	3.1		1.4			
	2731	12170	77.0	63.4	45	54.2	51.2	3.1		1.3			
	2845	12171	76.4	63.0	45	54.3	51.0	3.6		1.3			
	2876	12172	76.4	62.8	45	54.2	43.3	3.8		1.2			
	2939	12173	76.2	62.7	45	54.2	36.9	3.9		1.4			
	2949	12174	76.4	62.5	45	53.9	42.8	3.5		2.1			
	2918	12175	76.7	62.7	45	53.9	43.8	3.5		1.9			
HAWTHORNE	2710	12234	77.0	63.1	45	53.9	48.2	3.3		2.1			
	2637	12235	77.2	63.0	44	53.7	47.1	3.3		2.1			
	2564	12240	77.5	62.8	44	53.4	56.3	3.5		2.3			
	2491	12241	77.8	62.5	43	52.9	51.4	3.8		2.5			
	2439	12242	77.9	62.5	41	52.8	43.5	3.7		2.4			
	2397	12243	78.1	62.4	40	52.6	43.1	3.3		2.9			
	2345	12244	78.4	62.4	40	52.4	32.8	4.0		2.8			
	2231	12245	79.1	62.5	39	52.0	32.8	3.8		2.9			
	2168	12250	79.4	61.5	34	48.3	37.3	3.1		4.5			
	2106	12251	79.7	61.9	36	51.0	42.7	2.9		3.2			
	2043	12252	80.0	61.6	32	47.9	42.6	2.9		4.0			
	1991	12253	80.2	61.5	31	47.6	44.2	* 2.9		3.0			
	1981	12254	80.0	61.6	32	47.9	35.7	3.3		3.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-044
AIRCRAFT DATA FLIGHT NUMBER 08 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	1918	12255	80.7	61.1	31	46.8	34.2	3.9	3.2			
	1814	12260	81.7	59.3	23	41.0	41.0	3.1	2.6			
	1752	12261	82.2	56.6	17	33.4	45.7	3.2	2.5			
	1679	12262	82.4	56.3	17	32.7	50.9	3.1	2.6			
	1606	12263	82.4	56.0	14	27.8	57.0	3.1	3.4			
	1554	12264	82.5	56.2	14	28.0	47.4	2.7	2.8			
	1471	12270	81.2	56.7	19	34.9	54.1	3.0	3.3			
	1367	12271	81.5	56.3	17	34.0	47.2	3.1	3.9			
	1304	12272	81.6	56.3	17	33.8	41.1	3.1	4.3			
	1221	12273	81.5	56.5	18	34.2	35.4	3.2	3.9			
	1179	12274	81.5	56.5	18	34.2	38.1	2.6	5.5			
	1127	12275	81.7	56.6	18	34.1	37.3	2.7	5.4			
	1085	12280	81.4	56.7	19	34.6	29.6	3.3	5.6			
	1054	12281	80.6	56.7	20	35.7	33.3	3.3	6.1			
	1033	12282	79.3	56.9	23	37.6	46.2	3.0	7.3			
	1023	12283	79.1	56.5	23	37.4	43.1	* 2.3	7.7			
	1023	12284	79.3	56.5	22	37.1	45.7	2.4	7.1			
	1023	12285	79.3	56.4	22	37.0	43.9	2.1	7.1			
	1033	12290	79.2	56.1	19	33.1	37.9	2.1	8.3			
	1044	12291	79.2	56.2	19	33.2	38.7	2.5	7.8			
	1075	12292	79.3	56.2	19	33.1	40.7	2.7	7.0			
	1075	12293	79.3	55.9	19	32.7	36.9	2.7	6.6			
	1065	12294	79.3	55.8	19	32.5	38.2	3.0	7.1			
	1054	12295	79.8	56.2	17	32.4	41.7	3.1	6.9			
	1054	12300	79.6	56.3	22	36.5	51.4	3.0	6.8			
	1054	12301	79.1	56.1	19	33.2	45.0	2.5	8.3			
	1054	12302	79.3	56.1	19	32.9	43.3	2.4	8.2			
	1054	12303	79.0	56.1	19	33.4	43.4	2.3	8.5			
	1044	12304	78.8	56.0	19	33.5	42.3	2.1	8.6			
	1033	12305	78.4	55.9	20	33.9	43.9	2.2	9.9			
	1033	12310	78.4	55.8	20	33.8	43.0	2.5	8.2			
	1012	12311	78.0	55.8	20	34.4	44.2	2.3	8.9			
	1002	12312	78.4	55.9	20	33.9	43.6	2.1	9.3			
	1002	12313	78.1	55.8	20	34.2	32.5	3.0	8.3			
	940	12314	78.1	55.9	20	34.4	39.4	2.8	7.3			
	950	12315	78.4	56.1	20	34.2	40.1	2.3	9.4			
	940	12320	78.4	56.5	23	38.2	48.2	2.9	8.4			
	867	12321	77.3	55.6	22	35.0	54.7	2.4	8.4			
	825	12322	75.2	54.3	21	32.6	47.1	2.3	7.8			
	773	12323	72.4	58.0	40	46.1	44.3	2.0	7.1			
	721	12324	68.5	63.1	74	59.5	43.1	1.8	4.8			
	658	12325	67.7	65.1	84	63.0	45.3	1.6	4.1			
	460	12330	67.7	65.7	91	65.2	41.8	1.6	4.3			
	405	12331	67.7	65.7	91	65.2	42.8	1.1	3.9			
	309	12332	67.7	66.1	91	65.4	44.8	1.5	3.4			
	198	12333	70.9	65.8	76	63.6	40.9	1.2	3.1			
	142	12334	71.9	66.2	75	63.3	40.5	1.7	2.8			
	103	12335	72.1	66.4	75	63.3	38.0	1.7	2.6			
	103	12340	72.9	67.7	76	65.5	39.7	0.9	2.5			
	111	12341	71.9	68.6	84	66.4	36.6	0.5	2.8			
	119	12342	59.9	68.1	100	71.6	0.0	0.0	11.8			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	1065	12461	84.2	55.9	11	24.3	41.6	* 2.2	7.5			
	1137	12462	84.8	55.8	10	22.8	44.9	2.4	6.7			
	1283	12463	84.7	55.8	11	23.1	43.2	2.5	5.0			
	1304	12464	85.1	55.8	10	22.2	43.1	2.5	4.4			
	1346	12465	85.2	55.8	10	22.0	44.5	2.6	4.8			
	1419	12470	85.6	56.7	12	28.2	43.5	2.7	3.8			
	1491	12471	85.5	57.3	13	29.4	43.3	2.7	4.1			
	1481	12472	85.7	57.4	13	29.2	43.2	* 2.7	3.1			
	1554	12473	86.2	56.7	12	27.1	46.5	2.7	3.6			
	1658	12474	85.7	55.8	9	20.9	45.2	2.7	4.2			
	1741	12475	85.7	55.6	9	20.4	44.5	2.8	4.6			
	1856	12480	85.0	60.7	23	42.2	45.2	2.9	4.5			
	1939	12481	84.6	61.1	24	43.0	45.2	2.8	5.5			
	1981	12482	84.7	61.9	27	46.8	44.1	* 2.7	4.8			
	2095	12483	84.0	62.6	28	48.0	40.3	2.9	4.6			
	2189	12484	83.3	63.3	30	49.2	41.1	2.8	3.6			
	2252	12485	83.0	63.2	32	49.4	40.8	2.8	3.7			
	2335	12490	82.7	63.2	32	49.6	41.3	2.8	3.5			
	2387	12491	82.5	63.2	32	49.8	42.1	2.8	3.4			
	2429	12492	82.3	63.2	32	50.0	39.4	2.9	3.5			
	2418	12493	82.9	63.2	32	49.5	39.2	* 3.1	3.8			
	2481	12494	82.5	63.1	32	49.7	42.8	3.0	3.8			
	2554	12495	82.1	63.4	33	50.3	41.7	3.2	3.3			
	2627	12500	81.5	63.4	33	50.8	42.8	3.1	3.4			
	2699	12501	81.2	63.3	36	50.9	43.2	3.2	3.1			
	2783	12502	80.8	63.0	36	51.0	41.0	3.2	3.2			
	2845	12503	80.7	62.7	36	50.9	42.1	3.2	3.2			
	2866	12504	80.9	62.6	35	50.6	39.8	* 3.2	3.4			
	2845	12505	81.1	62.6	35	50.5	39.0	3.2	3.4			
	2835	12510	81.2	62.7	35	50.5	39.6	3.1	3.5			
	2835	12511	81.3	62.7	35	50.4	39.2	3.2	3.5			
	2783	12512	81.5	62.8	33	50.3	38.7	3.3	3.7			
	2772	12513	81.6	62.8	33	50.2	40.0	3.4	3.4			
	2824	12514	81.2	62.6	35	50.4	40.7	3.3	3.6			
	2845	12515	80.9	62.5	35	50.5	40.3	3.3	3.6			
	2856	12520	80.9	62.3	35	50.4	40.8	3.3	3.6			
	2866	12521	80.9	62.3	35	50.4	39.8	3.3	3.6			
	2887	12522	80.8	62.3	35	50.5	39.1	3.4	3.5			
	2876	12523	81.0	62.3	35	50.3	39.0	3.5	3.3			
	2876	12524	81.1	62.4	35	50.3	39.2	3.5	2.9			
	2887	12525	81.1	62.4	35	50.3	39.2	3.5	3.3			
	2887	12530	81.1	62.3	35	50.2	39.2	3.6	3.4			
	2876	12531	81.3	62.4	35	50.1	39.2	3.5	3.2			
	2887	12532	81.3	62.4	35	50.1	39.2	3.5	3.3			
	2887	12533	81.3	62.4	35	50.1	42.3	3.6	3.3			
	2887	12534	81.3	62.3	35	50.1	46.6	3.7	3.3			
	2866	12535	81.4	62.3	34	50.0	52.1	3.7	3.2			
COMMERCE	2876	12540	81.4	62.4	35	50.1	47.9	3.4	3.0			
	2845	12541	81.3	62.4	35	50.1	44.3	* 3.3	3.2			
	2772	12542	81.4	62.4	35	50.1	45.9	3.2	3.6			
	2699	12543	81.6	62.7	33	50.1	46.5	3.1	3.0			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	2616	12544	82.2	63.0	32	49.9	44.3		2.9	2.8			
	2554	12545	82.6	63.4	32	49.9	46.9		2.9	2.6			
	2470	12550	82.8	63.6	36	52.5	43.1		2.7	3.3			
	2418	12551	83.0	63.7	36	52.5	43.6		2.6	3.1			
	2429	12552	82.7	63.7	36	52.7	42.9	*	2.5	3.2			
	2345	12553	83.3	63.8	33	52.3	44.5		2.6	3.3			
	2241	12554	83.9	63.9	33	51.9	49.1		2.6	3.0			
	2189	12555	84.2	63.9	33	51.7	50.7		3.2	3.0			
	2085	12560	85.0	63.4	28	47.9	39.6		3.0	3.1			
	2054	12561	85.0	62.8	28	47.3	34.4		3.2	3.0			
	1960	12562	85.3	62.5	26	46.8	34.4		3.0	4.1			
	1939	12563	85.2	62.2	26	46.6	39.9	*	2.8	4.9			
	1929	12564	85.2	62.3	26	46.7	40.1		2.8	5.3			
	1846	12565	85.6	60.9	21	41.8	32.5		3.2	4.6			
	1741	12570	86.4	57.0	12	27.3	35.3		2.7	4.4			
	1689	12571	86.5	55.9	8	19.2	40.4		2.6	4.2			
	1606	12572	86.4	55.5	8	18.5	39.5		2.4	5.4			
	1554	12573	86.2	56.1	9	20.4	39.6		2.3	5.6			
	1491	12574	86.4	56.3	11	26.0	41.4	*	2.4	4.9			
	1512	12575	86.1	56.3	12	26.6	41.5		2.5	5.3			
	1429	12580	86.6	56.5	11	26.0	26.4		3.3	6.1			
	1346	12581	87.0	57.3	11	26.8	31.7		3.0	4.7			
	1294	12582	86.7	58.3	15	33.5	37.4		2.6	7.0			
	1242	12583	86.2	57.8	13	29.1	45.7		2.8	7.6			
	1137	12584	83.3	59.9	24	43.1	49.6		1.9	7.6			
	1065	12585	84.2	57.4	15	31.6	44.4		1.7	7.8			
	1012	12590	82.3	59.3	22	40.3	40.7		1.6	8.8			
	1002	12591	82.5	59.9	26	43.9	42.5	*	1.5	10.2			
	1002	12592	81.3	62.0	34	49.8	41.5		1.5	11.5	1.3	4.0	2.5
	992	12593	81.1	63.4	36	51.1	40.2		1.9	10.0			
	1033	12594	80.6	62.3	35	50.6	40.9		1.8	10.5			
	1148	12595	82.3	57.0	17	33.8	42.5		1.7	9.9			
	1200	13000	84.8	56.4	14	29.1	43.5		1.5	8.2			
	1304	13001	85.6	57.0	13	28.7	38.7		2.7	6.6			
	1346	13002	85.9	56.9	12	28.0	32.9		2.5	6.4			
	1450	13003	85.8	56.2	9	21.5	27.1		3.3	6.6			
	1471	13004	86.0	56.0	9	20.6	39.9	*	2.4	5.9			
	1554	13005	86.0	56.1	9	20.9	35.8		2.3	8.0			
	1700	13010	85.9	55.8	9	20.4	39.9		2.5	5.8			
	1804	13011	85.6	58.9	17	35.8	42.0		2.5	4.5			
	1856	13012	85.4	61.8	25	46.1	42.5		2.5	6.8			
	1960	13013	84.7	62.4	28	47.2	42.5		2.4	7.5			
	1960	13014	85.0	62.9	28	47.4	41.5	*	1.3	14.0			
	1970	13015	85.3	62.9	26	47.2	40.9		2.4	7.1			
	2012	13020	85.2	62.9	26	47.2	37.9	*	2.9	5.0			
	2200	13021	83.7	63.4	30	49.0	35.9		3.1	5.0			
	2283	13022	83.0	63.8	36	52.5	37.3		3.0	4.8			
	2366	13023	82.8	63.9	36	52.8	44.1		2.9	3.8			
	2418	13024	82.7	63.9	36	52.8	49.7		3.2	3.3			
	2449	13025	82.7	63.9	36	52.8	40.9	*	2.7	3.3			
	2449	13030	83.0	63.7	36	52.5	41.9		2.8	3.4			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
COMMERCE	2585	13031	82.2	63.6	36	53.0	46.5	2.8		3.5			
	2679	13032	81.4	63.0	35	50.5	42.2	2.8		3.2			
	2731	13033	81.3	62.8	35	50.5	42.0	2.8		3.1			
	2835	13034	80.8	62.5	35	50.6	40.5	3.0		3.3			
	2908	13035	80.4	62.5	36	50.9	42.5	2.8	*	3.4			
	2897	13040	80.7	62.5	35	50.7	38.1	2.9		3.1			
	2918	13050	81.0	62.6	35	50.5	37.1	2.7		4.0			
EL MONTE	2918	13093	82.6	61.6	27	45.5	39.5	3.4	*	4.5			
	2897	13094	82.6	61.6	27	45.5	32.4	3.9		4.0			
	2814	13095	83.0	61.8	30	48.2	32.2	3.9		3.4			
	2710	13100	83.4	62.1	29	48.1	34.8	2.7		9.9			
	2699	13101	83.2	62.2	31	48.4	36.6	3.3		4.7			
	2647	13102	83.4	62.3	29	48.3	34.8	3.1		8.0			
	2585	13103	83.8	62.7	29	48.3	36.3	3.2		4.3			
	2522	13104	83.9	62.9	29	48.4	37.4	3.2		3.9			
	2449	13105	84.3	63.2	29	48.3	38.6	3.3		3.7			
	2397	13110	84.4	63.4	29	48.4	37.5	3.3		3.6			
	2335	13111	85.0	63.5	32	50.8	41.6	3.0		3.5			
	2345	13112	84.3	63.5	32	51.3	39.2	3.1		4.0			
	2397	13113	84.0	63.4	29	48.7	38.9	3.1		3.7			
	2377	13114	83.6	63.4	30	49.1	39.2	3.0		3.3			
	2335	13115	83.9	63.2	29	48.6	39.9	3.1	*	5.4			
	2335	13120	53.2	63.2	100	67.6	34.0	0.0		5.6			
	2220	13121	84.3	63.4	29	48.5	50.2	3.0		6.9			
	2210	13122	84.4	63.5	32	51.2	39.5	2.7		14.8			
	2179	13123	84.3	63.5	32	51.3	38.5	2.7		16.6			
	2127	13124	85.0	62.9	28	47.4	40.4	1.7		30.7			
	2064	13125	84.9	63.4	28	48.0	39.0	2.3		19.2			
	2012	13130	84.6	61.7	27	46.7	38.6	1.9		23.5			
	1950	13131	84.6	61.0	23	42.9	37.9	2.2		20.7			
	1929	13132	84.7	62.2	27	47.1	34.3	2.3		19.4			
	1929	13133	85.2	62.1	25	46.5	36.0	2.1		17.0			
	1877	13134	85.7	61.4	22	42.2	38.7	2.1		12.7			
	1752	13135	85.9	62.2	25	46.0	39.4	1.9		8.7			
	1616	13140	86.3	61.4	21	41.6	40.9	1.7		12.4			
	1502	13141	86.9	61.5	19	41.0	38.5	1.6		14.5			
	1481	13142	86.2	61.4	21	41.7	37.1	1.7	*	15.1			
	1429	13143	86.4	61.3	21	41.3	36.0	1.4	*	14.3			
	1398	13144	86.1	61.3	21	41.7	36.6	1.5		14.1			
	1356	13145	86.3	61.5	21	41.7	31.9	1.6		15.7			
	1419	13150	85.3	61.6	22	42.8	28.9	2.2		15.3			
	1408	13151	86.1	61.4	21	41.8	25.3	2.8		16.0			
	1419	13152	85.4	61.6	22	42.7	26.9	2.9		17.6			
	1471	13153	86.0	61.9	25	45.6	37.5	1.7		19.0			
	1533	13154	85.3	62.0	25	46.4	36.9	2.1		19.4			
	1439	13155	85.9	61.9	25	45.7	44.6	2.0		18.0			
	1387	13160	86.0	62.0	25	45.7	51.1	2.0		15.3			
	1335	13161	86.4	62.0	24	45.3	36.6	1.9		15.7	0.9	1.8	2.0
	1314	13162	86.1	62.0	25	45.6	31.4	1.6		19.5			
	1252	13163	86.7	62.1	24	45.1	34.6	1.4		16.0			
	1200	13164	86.9	62.0	23	44.8	33.8	1.5		16.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-048
AIRCRAFT DATA FLIGHT NUMBER 08 DATA DATE 09/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	1148	13165	87.1	62.3	23	44.9	29.0		1.9	17.5			
	1085	13170	87.2	62.6	23	45.1	24.0		2.4	17.5			
	1085	13171	86.7	62.8	25	45.8	27.3		2.2	18.1	0.8	1.6	2.5
	1085	13172	87.2	62.8	23	45.3	35.8		1.4	19.3			
	1096	13173	87.0	62.9	23	45.6	35.7		1.6	17.2			
	1085	13174	87.0	63.2	23	45.9	32.5		1.6	18.6			
	1106	13175	87.3	63.6	26	49.0	33.5		1.8	19.9			
	1117	13180	87.2	63.3	23	45.8	33.9		1.8	19.8			
	1137	13181	87.4	63.4	23	45.7	31.8		1.5	18.3			
	1033	13182	88.1	63.4	23	45.0	30.8		1.3	17.9			
	992	13183	88.6	63.7	25	48.0	31.7		1.5	18.1			
	919	13184	89.0	63.6	24	47.5	41.8		1.7	18.3			
	835	13185	90.4	64.3	23	46.9	43.2		1.3	17.5			
	752	13190	90.2	64.5	23	47.2	31.9		0.9	19.0			
	721	13191	90.6	64.9	22	47.2	30.9		1.3	20.0	0.9	1.1	2.3
	721	13192	90.4	64.5	23	47.1	30.8		1.0	19.7			
	711	13193	90.6	64.5	22	46.9	31.5	*	1.0	18.5			
	711	13194	90.3	64.2	23	46.9	30.8		0.9	23.8			
	846	13195	88.8	63.6	24	47.7	30.0		1.6	17.2			
	929	13200	88.3	63.3	22	44.8	30.9		1.4	16.3			
	1002	13201	87.8	62.9	23	44.8	30.2		1.5	19.4			
	1085	13202	87.1	62.4	23	45.0	28.0		2.0	19.8			
	1137	13203	86.7	62.3	24	45.3	25.1		2.5	17.6			
	1148	13204	86.7	62.6	25	45.6	22.3		2.7	17.1			
	1169	13205	86.8	62.5	24	45.4	33.8		1.6	19.5			
	1169	13210	86.9	62.5	23	45.3	32.9		1.7	20.7			
	1137	13211	86.9	62.9	23	45.7	33.3		1.2	24.5			
	1127	13212	87.1	63.2	23	45.8	32.1		1.9	23.1			
	1106	13213	87.0	63.4	24	46.1	31.2		1.4	18.8			
	1054	13214	87.6	63.7	26	48.8	30.9		1.4	19.4			
	1023	13215	87.6	63.8	26	48.9	31.2		1.6	19.0			
	888	13220	88.3	64.2	26	48.6	39.5		1.4	16.6			
	815	13221	89.0	64.3	24	48.1	36.6		1.1	16.4			
	731	13222	89.4	64.7	24	48.1	36.4		1.5	18.3			
	648	13223	89.5	65.0	24	48.3	33.0		1.5	17.9			
	452	13224	89.7	64.8	24	48.0	34.3		1.1	18.7			
	373	13225	90.1	65.2	24	48.0	32.5		1.0	18.3			
	309	13230	91.3	65.9	25	50.5	28.5		0.5	16.9			
	301	13231	91.1	69.8	34	58.8	29.2		0.3	13.7			
	301	13232	91.5	72.1	38	62.4	29.2		0.4	16.4			
	301	13233	91.4	73.5	43	65.5	32.3		0.3	14.0			
	301	13234	91.3	73.6	43	65.6	31.8		0.2	12.1			
	301	13235	92.2	73.0	42	64.8	32.1		0.2	11.1			
	301	13240	91.2	73.1	42	65.4	32.0		0.3	10.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-049
AIRCRAFT DATA FLIGHT NUMBER 09 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	234	07274	65.3	61.4	76	58.5	8.5		0.0	3.9			
	234	07275	65.3	61.3	76	58.4	8.5		0.0	1.7			
	234	07280	65.4	61.1	75	58.2	8.5		0.0	1.6			
	234	07281	65.3	61.1	76	58.3	8.5		0.1	1.3			
	234	07282	65.2	61.2	81	58.4	8.7		0.1	0.9			
	234	07283	65.1	61.6	82	58.7	8.6		0.1	1.2			
	234	07284	65.2	62.1	88	60.9	8.7		0.0	0.9			
	234	07285	65.0	62.3	89	61.1	8.9	*	0.0	1.0			
	234	07290	65.2	62.2	88	60.9	8.7		0.0	1.3			
	226	07291	65.7	61.4	75	58.2	8.4		0.0	0.8			
	242	07292	65.8	61.1	75	58.0	8.4		0.3	1.3			
	305	07293	66.1	60.5	73	57.4	9.1		0.0	2.7			
	377	07294	65.9	58.8	66	54.3	9.4		0.0	3.7			
	448	07295	66.9	57.7	57	50.6	9.8		0.1	2.9			
	638	07300	67.2	56.3	51	49.2	9.6		0.5	2.7			
	690	07301	71.0	56.6	40	46.1	10.4		0.7	2.0			
	690	07302	71.9	56.7	39	45.4	10.2	*	0.7	1.9			
	784	07303	72.5	56.4	36	44.5	12.7		0.7	2.3			
	919	07304	73.9	55.4	29	39.1	14.8		0.8	2.6			
	971	07305	74.5	55.2	26	38.1	13.6		1.2	2.0			
	1002	07310	74.9	55.3	26	37.7	10.6		1.3	2.9			
	992	07311	75.7	55.5	25	37.0	11.3	*	1.0	2.2			
	1075	07312	76.5	55.3	22	35.7	10.0		1.1	2.4			
	1169	07313	76.7	55.4	22	35.6	9.9		1.4	2.7			
	1211	07314	76.5	55.0	22	35.3	11.0		1.2	3.9			
	1284	07315	76.2	55.0	22	35.7	11.8		1.2	2.9			
	1336	07320	75.9	54.8	24	35.8	12.1		1.2	3.9			
	1398	07321	75.6	54.7	24	36.1	12.4		1.4	3.2			
	1440	07322	78.2	54.7	19	32.5	12.7	*	1.5	3.4			
	1461	07323	78.6	54.8	18	32.1	12.6		1.4	3.5			
	1575	07324	78.1	54.9	19	32.9	12.6		1.5	4.2			
	1627	07325	78.0	55.1	19	33.4	12.5		1.6	3.6			
	1679	07330	77.8	55.3	21	33.9	11.8		1.6	3.8			
	1773	07331	78.2	55.8	20	34.1	10.9		2.0	3.1			
	1815	07332	78.9	59.3	29	43.9	10.9		1.9	2.9			
	1856	07333	78.5	60.2	34	47.9	11.9		1.8	4.2			
	1929	07334	78.4	59.9	34	47.8	12.6		1.7	3.4			
	1929	07335	78.3	59.8	30	45.0	12.6	*	1.6	3.2			
	1971	07340	78.2	59.8	30	45.1	14.0		1.6	3.3			
	2054	07341	77.9	59.1	30	44.7	15.7		1.6	3.2			
	2127	07342	78.1	58.7	29	44.1	17.9		1.7	3.0			
	2148	07343	57.1	58.6	100	59.9	0.0		0.0	4.0			
	2179	07344	77.6	58.7	32	44.6	13.7		1.8	3.3			
	2231	07345	77.7	58.3	31	44.1	14.0		1.8	3.5			
	2262	07350	78.1	57.6	25	39.9	14.2		1.9	3.3			
	2325	07351	78.6	57.2	24	38.8	15.9		2.0	3.0			
	2377	07352	79.2	57.0	23	37.9	16.4		2.0	2.9			
	2408	07353	79.5	56.9	23	37.4	13.9		1.9	2.9			
	2387	07354	79.7	57.2	21	37.5	13.4	*	1.8	2.9			
	2471	07355	79.7	57.0	21	37.3	12.1		2.1	3.9			
	2533	07360	79.3	56.7	23	37.4	11.5		2.1	3.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-050
AIRCRAFT DATA FLIGHT NUMBER 09 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2575	07361	79.3	56.9	23	37.6	10.7		2.7	4.8			
	2648	07362	79.1	56.7	23	37.6	13.6		2.1	3.9			
	2689	07363	79.0	56.5	23	37.5	13.9		1.9	4.2			
	2741	07364	78.6	56.3	23	37.8	14.6		1.8	3.7			
	2804	07365	78.6	56.1	20	33.9	14.0		1.8	4.0			
	2877	07370	78.5	56.0	20	33.9	14.1		1.8	3.9			
	2877	07371	78.6	55.9	19	33.7	13.5	*	1.8	3.8			
	2898	07372	78.7	55.9	19	33.5	13.3		1.8	4.2			
	2908	07373	78.7	55.8	19	33.4	13.3		1.8	4.1			
	2887	07374	78.8	55.8	19	33.2	10.4		2.9	5.7			
	2877	07375	79.5	55.9	18	32.4	11.2		2.9	4.6			
	2887	07380	79.0	55.9	19	33.1	13.9		2.3	3.3			
	2908	07381	78.3	55.8	20	33.9	17.0		2.1	3.8			
	2918	07382	78.1	55.7	20	34.1	15.5		2.0	4.0			
	2898	07383	78.1	55.5	20	33.8	14.7		1.9	4.2			
	2856	07384	78.3	55.8	20	33.9	14.6		2.0	3.5			
	2846	07385	78.3	55.7	20	33.8	14.7		2.0	3.6			
	2825	07390	79.2	55.5	18	32.2	14.4		2.0	3.5			
	2741	07400	80.2	56.0	17	31.5	14.2		2.0	4.2			
	2783	07410	78.5	55.6	19	33.4	14.8		1.9	3.4			
COMMERCE	2596	07440	80.6	56.1	16	31.0	16.6		2.3	4.1			
	2523	07441	80.7	56.2	16	31.0	22.1		2.5	3.3			
	2460	07442	81.2	56.4	19	34.5	23.9		2.6	3.5			
	2429	07443	81.2	56.4	19	34.5	16.7		2.1	5.0			
	2398	07444	81.3	56.5	19	34.5	15.1	*	2.0	5.1			
	2294	07445	81.1	56.4	19	34.6	15.5		1.9	5.2			
	2252	07450	80.2	56.3	20	35.7	15.0		1.8	4.0			
	2179	07451	53.0	56.5	100	59.4	0.0		0.0	0.0			
	2106	07452	79.2	56.7	23	37.5	14.6		1.6	4.6			
	2044	07453	79.5	56.8	22	37.3	15.1		1.5	5.9			
	1940	07454	78.6	57.9	25	39.7	14.8		1.5	4.4			
	1908	07455	78.4	58.3	28	43.4	14.4		1.5	4.5			
	1908	07460	78.3	58.3	29	43.5	14.6	*	1.5	5.3			
	1856	07461	78.7	58.4	28	43.2	12.5		2.2	3.6			
	1804	07462	79.0	58.4	28	42.9	9.8		2.7	3.0			
	1690	07463	79.1	56.7	23	37.6	10.6		2.0	2.3			
	1627	07464	78.6	55.8	19	33.5	13.6		1.5	2.9			
	1554	07465	78.3	56.1	20	34.4	12.1		1.9	3.3			
	1492	07470	77.4	55.9	22	35.3	13.4		1.4	4.5			
	1440	07471	76.5	56.0	23	36.6	13.9		1.2	5.2			
	1429	07472	76.7	56.1	23	36.5	13.8		1.2	5.0			
	1346	07473	76.5	56.1	23	36.7	13.0		1.1	4.7			
	1242	07474	76.9	56.1	23	36.2	13.3		1.1	3.9			
	1159	07475	76.3	55.5	23	36.2	13.4		1.1	3.7			
	1096	07480	76.0	55.7	25	36.9	13.3		1.1	5.1			
	1013	07481	73.3	59.8	43	49.4	13.1		0.9	4.9			
	971	07482	73.1	59.6	43	49.4	13.2	*	0.8	33.7			
	940	07483	72.1	58.7	46	49.5	13.5		0.9	5.7			
	877	07484	70.5	58.4	50	50.6	19.8		1.5	4.9			
	794	07485	69.0	60.3	60	55.3	18.5		1.5	2.2			
	742	07490	68.7	60.5	65	55.7	12.4		0.0	4.4			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-051
AIRCRAFT DATA FLIGHT NUMBER 09 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
COMMERCE	700	07491	69.4	60.6	60	55.3	12.4	0.5		2.4			
	690	07492	69.8	59.9	58	54.5	12.6	0.6		2.7			
	669	07493	69.8	59.5	53	52.0	12.5	0.7		2.2	10.5	17.4	5.0
	690	07494	69.8	59.0	52	51.6	12.3	1.0		2.7			
	763	07495	70.0	58.6	52	51.1	12.6	1.2		2.6			
	825	07500	70.2	59.3	52	51.5	13.3	1.2		3.8			
	888	07501	71.7	58.4	46	49.6	12.6	1.0		4.8			
	982	07502	73.0	56.8	35	44.4	11.5	1.9		2.5			
	971	07503	74.2	56.3	33	42.7	9.4	2.4		2.7			
	1013	07504	74.8	55.8	27	38.5	10.3	2.1		3.3			
	1023	07505	74.9	56.1	27	38.7	13.9	1.1	*	3.5	1.1	5.3	1.6
	1044	07510	75.1	57.9	32	43.4	13.8	1.0		3.8			
	1065	07511	75.4	56.4	30	41.6	14.7	0.8		4.5			
	1159	07512	76.0	55.3	24	36.4	15.1	1.2		5.3			
	1242	07513	76.5	55.1	22	35.4	15.0	1.0		4.1			
	1325	07514	76.2	54.7	22	35.3	16.1	1.4		5.0			
	1377	07515	76.5	54.8	22	35.0	18.0	1.4		5.2			
	1409	07520	77.1	54.8	21	34.2	23.0	1.6		4.1			
	1471	07521	77.2	54.9	21	34.2	20.6	1.9		4.6			
	1471	07522	78.3	55.0	19	32.8	16.0	1.5		4.9	1.8	3.4	1.1
	1419	07523	77.4	55.3	21	34.5	15.4	1.5	*	4.3			
	1450	07524	77.2	55.0	21	34.4	15.0	1.5		5.0			
	1513	07525	78.6	55.5	19	33.1	14.5	1.5		5.1			
	1606	07530	78.4	55.0	19	32.7	14.4	1.6		5.2			
	1679	07531	78.4	55.3	19	33.1	14.8	1.5		5.3			
	1700	07532	78.6	57.0	24	38.6	13.5	2.0		4.2			
	1794	07533	78.3	58.3	29	43.5	11.8	2.7		4.2			
	1856	07534	78.4	58.2	28	43.3	10.9	0.9		16.6			
	1898	07535	78.2	58.2	29	43.5	13.2	2.7		1.8			
	1919	07540	78.8	58.2	28	42.9	16.3	1.7		2.4			
	1992	07541	79.0	57.5	24	38.7	15.7	1.8		2.9			
	1950	07542	79.3	57.4	23	38.2	15.8	1.7		3.5			
	2023	07543	78.6	57.2	24	38.8	17.2	1.8		4.1			
	2117	07544	78.1	56.8	24	39.0	17.0	1.8		4.1			
	2210	07545	77.9	56.4	24	38.7	18.5	2.1		4.4			
	2252	07550	79.0	56.1	19	33.4	21.9	2.4		3.8			
	2283	07551	79.5	56.1	19	32.7	26.7	2.5		3.8			
	2304	07552	80.6	56.1	16	31.0	21.4	2.5		4.8			
	2356	07553	81.1	56.1	16	30.2	16.1	2.1		4.6			
	2439	07554	81.3	56.2	16	30.0	15.9	1.9		4.2			
	2429	07555	82.0	56.4	17	33.4	16.4	1.9	*	3.8			
	2502	07560	81.5	56.4	18	34.1	15.3	2.0		4.3			
	2585	07561	81.1	56.4	19	34.6	15.8	2.0		3.7			
	2627	07562	80.9	56.4	19	34.9	15.2	2.2		3.6			
	2700	07563	80.7	56.1	16	30.8	14.2	2.6		3.6			
	2741	07564	80.7	56.1	16	30.8	14.5	2.6		3.9			
	2773	07565	80.5	55.9	16	30.8	13.1	2.9		3.7			
	2814	07570	80.6	55.8	16	30.5	14.3	2.8		3.3			
	2866	07571	80.4	55.8	16	30.8	16.6	2.4		3.1			
	2918	07572	80.6	55.9	16	30.7	17.6	2.2		3.2			
	2939	07573	80.7	55.8	16	30.4	16.9	2.2	*	3.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-052
AIRCRAFT DATA FLIGHT NUMBER 09 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NC	NC2	CO
COMMERCE	2939	07574	80.9	55.8	16	30.0	16.9	2.2		3.4			
	2918	07575	80.9	55.9	16	30.2	16.8	2.2		3.7			
	2918	07580	80.8	55.8	16	30.2	18.8	2.5		3.4			
	2887	07581	80.9	55.8	16	30.0	23.1	2.7		3.2			
	2877	07582	80.7	55.8	16	30.4	26.2	2.6		3.1			
	2877	07582	80.5	55.7	16	30.5	22.3	2.3		3.4			
	2929	07590	80.0	55.5	16	31.0	19.6	2.2		3.7			
HAWTHORNE	2648	08044	81.0	56.4	19	34.8	18.0	2.4		3.1			
	2596	08045	80.9	56.4	19	34.9	20.3	2.4		3.0			
	2523	08050	81.2	56.5	19	34.6	24.0	2.6		4.0			
	2429	08051	81.8	56.8	18	34.2	30.7	2.7		3.2			
	2429	08052	81.5	56.8	18	34.6	24.6	2.6		4.7			
	2387	08053	81.4	56.9	19	34.9	18.6	2.2		3.8			
	2304	08054	81.6	56.8	18	34.5	17.9	* 2.1		3.8			
	2252	08055	82.0	56.9	18	34.1	18.8	2.1		3.7			
	2179	08060	82.0	56.9	18	34.1	16.0	2.7		3.7			
	2137	08061	82.2	56.9	17	33.8	14.7	3.0		4.6			
	2054	08062	82.2	57.0	17	34.0	13.0	3.9		4.1			
	1971	08063	80.0	57.1	21	37.0	17.0	2.4		3.8			
	1950	08064	79.9	57.1	21	37.1	18.8	* 2.2		5.0			
	1888	08065	80.1	57.1	21	36.9	15.8	2.5		5.4			
	1825	08070	80.4	57.3	21	36.8	18.1	2.1		4.1			
	1794	08071	80.5	57.3	21	36.6	17.8	2.0		5.9			
	1711	08072	79.8	57.5	22	37.8	18.9	2.1		4.8			
	1669	08073	79.0	57.6	24	38.8	27.2	2.4		5.6			
	1658	08074	78.7	57.7	24	39.3	31.1	2.4		4.9			
	1544	08075	78.8	57.9	24	39.4	21.3	2.2		4.5			
	1492	08080	79.5	58.0	24	38.7	18.7	1.6		4.7			
	1429	08081	79.2	58.0	24	39.1	18.2	* 1.7		5.6			
	1356	08082	79.5	58.2	27	42.2	19.2	1.7		5.2			
	1284	08083	79.2	58.3	28	42.6	13.9	2.9		5.0			
	1190	08084	77.6	58.2	31	44.1	11.3	5.3		4.9			
	1107	08085	75.8	56.4	29	41.1	13.8	2.7		4.7			
	1054	08090	74.7	57.3	32	43.2	17.9	1.6		3.9			
	1034	08091	74.6	57.1	32	43.1	17.7	1.5		4.3			
	1013	08092	74.6	57.2	32	43.2	18.2	* 1.4		4.3			
	1002	08093	75.3	56.4	30	41.7	19.4	1.3		4.7			
	1023	08094	74.7	56.9	31	42.8	20.6	1.4		4.9			
	1013	08095	74.0	57.3	35	43.9	20.2	1.6		4.2			
	1002	08100	73.0	57.7	37	45.3	18.6	1.6		4.3			
	982	08101	72.2	58.4	45	49.2	19.3	1.6		3.5			
	961	08102	71.5	57.0	40	46.1	25.1	1.7		2.4			
	971	08103	71.6	56.4	39	45.4	24.5	1.5		2.1			
	909	08104	70.7	56.2	36	43.4	18.2	1.4		3.2			
	888	08105	70.3	55.9	39	43.5	17.6	1.5		2.4			
	846	08110	70.3	56.4	43	46.6	17.9	1.4		2.5			
	773	08111	69.8	58.3	51	51.1	18.4	0.9		3.0			
	680	08112	69.3	59.5	54	52.4	17.6	1.1		2.0			
	638	08113	67.0	62.3	80	59.9	12.4	2.0		2.1			
	456	08114	66.1	62.9	83	60.8	14.0	1.3		1.8			
	433	08115	65.9	63.5	90	63.1	12.6	1.5		1.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-053
AIRCRAFT DATA FLIGHT NUMBER 09 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	345	08120	65.9	63.9	91	63.3	15.2		0.9	2.1			
	266	08121	66.1	64.3	91	63.4	13.3		0.7	1.5			
	170	08122	66.7	64.4	90	63.2	13.3		0.8	1.0			
	20	08123	66.8	64.7	90	63.3	14.4		0.6	0.7			
	20	08124	66.6	65.5	98	65.6	13.9	*	0.4	0.8			
	20	08125	66.6	66.2	99	66.0	14.2		0.3	1.2			
	20	08130	67.0	66.8	100	66.1	13.5		0.3	1.0			
	20	08131	66.6	67.1	100	68.2	13.8		0.3	1.0			
	20	08132	66.8	67.1	100	68.1	13.7		0.3	0.9			
	210	08161	67.7	65.1	84	63.0	15.9		0.8	1.5			
	274	08162	67.3	65.2	85	63.3	16.4		0.7	2.1			
	337	08163	66.7	65.2	91	63.6	20.2		0.9	2.5			
	448	08164	66.1	65.2	92	63.9	24.5		1.1	1.2			
	488	08165	65.7	65.1	93	64.1	19.0	*	1.1	1.2			
	496	08170	66.1	65.1	92	63.9	18.6		1.0	1.4			
	721	08171	65.6	64.5	92	63.8	18.5		1.5	1.1			
	815	08172	68.2	61.1	66	56.4	19.4		1.6	1.7			
	877	08173	70.5	58.1	50	50.3	19.3		1.7	2.1			
	992	08174	72.8	57.9	37	45.7	19.5		1.8	2.5			
	1034	08175	73.9	56.5	34	43.2	20.7	*	1.7	4.0			
	1023	08180	73.1	57.5	36	45.0	20.7		1.6	3.9			
	1107	08181	74.7	56.8	31	42.7	18.6		1.8	2.4			
	1221	08182	78.3	57.6	25	39.7	18.6		1.9	3.7			
	1273	08183	78.8	57.9	24	39.4	18.0		2.0	4.5			
	1356	08184	51.8	57.9	100	60.9	0.0		0.0	2.8			
	1409	08185	78.5	57.7	25	39.5	14.1		3.9	4.3			
	1481	08190	78.7	57.7	24	39.3	17.1		2.9	4.6			
	1450	08191	78.4	57.9	25	39.9	19.6	*	2.3	4.6			
	1596	08192	79.6	57.8	23	38.4	24.6		2.3	5.2			
	1721	08193	80.6	57.2	20	36.4	22.8		2.3	4.1			
	1825	08194	80.7	57.1	20	36.1	31.3		2.6	4.8			
	1888	08195	81.0	56.9	20	35.5	31.1		2.9	3.8			
	1950	08200	81.1	56.9	20	35.3	18.4		2.8	4.0			
	1971	08201	81.7	56.9	18	34.5	21.4	*	2.3	4.5			
	1971	08202	82.5	57.0	17	33.5	21.2		2.4	4.6			
	1981	08203	59.4	57.1	89	55.7	20.6		2.4	4.3			
	2054	08204	82.9	57.0	17	33.0	20.5		2.5	4.3			
	2137	08205	82.5	56.8	17	33.2	20.2		2.6	4.5			
	2190	08210	82.5	56.7	17	33.1	20.9		2.7	3.8			
	2242	08211	82.3	56.6	17	33.2	20.6		2.8	3.8			
	2273	08212	82.2	56.5	17	33.2	20.6		2.8	3.8			
	2367	08213	82.1	56.4	17	33.2	20.5		3.0	3.8			
	2419	08214	82.1	56.4	17	33.2	20.6		3.0	3.7			
	2439	08215	82.3	56.7	17	33.4	21.7	*	3.0	3.4			
	2491	08220	82.0	56.7	17	33.8	21.1		2.9	3.8			
	2575	08221	81.4	56.7	19	34.6	20.6		2.8	3.7			
	2658	08222	81.1	56.4	19	34.6	20.9		2.8	3.5			
	2721	08223	80.7	56.3	19	35.1	19.3		2.8	3.8			
	2793	08224	80.3	56.1	17	31.5	19.1		3.0	3.7			
	2856	08225	80.1	56.0	17	31.6	18.8		3.1	3.5			
	2939	08230	80.0	55.8	17	31.5	20.8		3.0	3.5			

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AIRCRAFT DATA FLIGHT NUMBER 09 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	2939	08231	80.3	55.9	17	31.1	22.9	*	2.9	3.2			
	2918	08250	80.7	55.7	16	30.2	27.9		2.7	3.5			
	2918	08260	80.7	55.6	16	30.0	23.8		2.7	4.0			
COMMERCE	2439	08291	82.6	55.9	13	27.3	22.1		2.7	3.6			
	2439	08292	82.8	56.0	13	27.1	21.5	*	2.7	3.2			
	2387	08293	82.4	55.9	14	27.7	21.6		2.7	4.3			
	2294	08294	82.3	55.5	13	27.1	22.3		2.9	3.8			
	2231	08295	81.6	55.8	14	28.9	24.9		2.8	3.6			
	2179	08300	80.7	56.1	16	30.8	29.8		3.0	4.2			
	2127	08301	80.7	56.3	19	35.1	35.0		3.1	4.5			
	2023	08302	80.1	56.5	20	36.1	29.9		3.1	5.2			
	1981	08303	79.9	56.6	21	36.5	22.4		3.0	6.5			
	1950	08304	80.0	56.5	20	36.2	21.9	*	2.3	6.4			
	1888	08305	80.0	56.7	21	36.5	21.9		2.4	5.5			
	1804	08310	80.2	57.3	21	37.0	22.7		2.1	5.3			
	1700	08311	80.5	57.9	21	37.4	22.6		2.0	5.1			
	1638	08312	80.6	57.8	21	37.1	22.6		1.9	4.9			
	1544	08313	80.5	55.9	16	30.8	22.5		1.8	3.8			
	1471	08314	80.0	56.0	17	31.8	22.0		1.8	6.0			
	1429	08315	79.1	56.2	19	33.4	20.8	*	1.9	6.5			
	1367	08320	78.6	56.1	20	33.9	16.3		3.0	6.9			
	1315	08321	78.0	56.1	20	34.8	16.0		2.9	6.5			
	1221	08322	76.0	56.1	25	37.4	15.2		2.8	6.9			
	1148	08323	75.2	55.9	26	38.1	18.5		2.6	3.7			
	1096	08324	75.1	56.2	27	38.6	20.3		1.8	3.9			
	1044	08325	75.1	56.6	31	42.1	19.9		1.8	3.4			
	1013	08330	74.6	56.8	31	42.8	21.0	*	1.5	5.1			
	950	08331	73.8	56.7	34	43.5	19.4		1.4	5.8			
	888	08332	73.0	58.6	42	48.7	20.3		1.6	5.0			
	857	08333	72.3	59.0	46	49.6	32.5		2.3	6.6			
	773	08334	72.4	59.9	51	52.6	26.7		2.3	5.1			
	700	08335	71.4	61.4	55	54.4	18.9		1.6	2.8			
	690	08340	71.2	60.3	53	53.8	20.0		1.3	5.0	18.4	23.8	8.5
	680	08341	71.7	60.9	54	53.9	19.7	*	1.3	4.3			
	700	08342	71.4	61.1	54	54.2	19.2		1.5	3.3			
	773	08343	71.0	60.9	55	54.4	18.1		1.5	5.4			
	867	08344	73.7	57.6	36	44.5	16.3		2.4	5.5			
	930	08345	73.8	55.9	30	39.8	14.8		3.0	3.7			
	1034	08350	73.5	56.4	34	43.5	15.1		3.1	2.7			
	1002	08351	73.9	56.5	34	43.2	21.2	*	1.8	3.2			
	1044	08352	74.9	56.5	31	42.2	21.4		1.7	3.1			
	1127	08353	75.8	56.1	26	37.6	22.8		1.6	3.1			
	1221	08354	77.2	56.0	22	35.7	23.1		1.8	3.6			
	1336	08355	77.8	55.8	21	34.6	23.4		1.9	5.0			
	1429	08360	78.8	55.9	19	33.4	23.2		2.0	5.6			
	1461	08361	79.3	55.7	18	32.4	21.9	*	2.1	5.1			
	1565	08362	79.2	55.5	18	32.2	24.5		2.2	6.2			
	1679	08363	78.7	57.1	24	38.6	26.2		2.1	6.6			
	1773	08364	78.9	57.3	24	38.6	29.7		2.7	4.8			
	1835	08365	79.0	56.9	23	38.0	35.9		2.9	4.9			
	1888	08370	78.8	56.6	23	37.9	28.3		2.9	7.1			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-055
AIRCRAFT DATA FLIGHT NUMBER 09 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	1960	08371	78.9	56.4	23	37.5	21.3		2.9	6.9			
	1960	08372	79.7	56.3	20	36.4	21.7	*	0.0	9.2			
	1950	08373	79.8	56.7	21	36.8	23.3		2.2	6.0			
	2033	08374	80.1	56.1	17	31.8	21.2		2.4	5.8			
	2158	08375	79.8	55.8	17	31.8	22.7		2.5	5.5			
	2169	08380	80.2	55.8	17	31.1	22.3		2.5	5.7			
	2252	08381	80.0	55.5	16	31.0	21.4		2.7	5.6			
	2325	08382	79.7	55.5	17	31.5	20.4		2.8	5.6			
	2419	08383	81.9	55.8	14	28.4	18.3		3.3	4.7			
	2512	08384	82.0	55.9	14	28.4	18.0		3.7	3.9			
	2481	08385	82.4	56.1	14	28.0	25.9	*	2.7	3.5			
	2575	08390	82.3	56.1	14	28.2	20.1		3.8	4.0			
	2856	08393	81.1	55.5	15	29.2	25.4		2.9	3.2			
	2929	08394	80.7	55.3	16	29.5	24.9		3.0	3.2			
	2939	08395	81.1	55.3	15	28.9	23.8	*	2.9	3.1			
	2939	08400	80.9	55.3	15	29.2	23.4		3.2	3.6			
	2981	08410	80.9	55.3	15	29.2	26.4		2.6	4.0			
EL MONTE	2908	08455	79.9	55.3	16	30.8	21.8		2.8	4.3			
	2793	08460	79.5	55.3	18	31.5	22.6		2.6	3.4			
	2731	08461	79.2	55.5	18	32.2	19.7		3.3	3.5			
	2679	08462	79.2	55.5	18	32.2	22.7		3.1	3.9			
	2585	08463	79.5	55.8	18	32.2	27.4		3.1	3.3			
	2471	08464	78.1	56.9	24	39.1	36.9		2.8	3.5			
	2471	08465	78.8	56.7	23	38.0	29.4		2.5	4.4			
	2439	08470	79.0	56.4	23	37.4	27.8	*	2.5	4.8			
	2377	08471	79.0	56.6	23	37.6	28.3		2.5	4.5			
	2304	08472	78.8	57.2	24	38.6	29.9		2.4	4.5			
	2283	08473	78.1	58.5	29	43.9	35.9		2.6	6.0			
	2242	08474	78.2	58.8	29	44.1	27.5		2.8	5.4			
	2148	08475	79.1	59.3	29	43.7	24.2		2.6	5.9			
	2106	08480	79.2	59.6	29	43.9	19.7		2.7	5.8			
	2044	08481	79.2	59.4	29	43.7	15.9		3.6	7.3			
	1971	08482	79.2	55.3	18	31.9	17.1		3.2	5.2			
	1971	08483	78.8	54.8	18	31.8	23.3	*	2.4	6.7			
	1940	08484	79.2	55.2	18	31.8	24.2		2.2	6.2			
	1940	08485	79.2	54.7	17	31.0	25.1		2.2	6.2			
	1919	08490	79.0	54.7	18	31.3	24.3		2.2	6.2			
	1867	08491	79.4	54.7	17	30.7	24.1		2.1	6.3			
	1804	08492	79.0	54.9	18	31.6	24.5		2.1	5.9			
	1752	08493	78.8	54.4	15	26.9	24.6		2.0	5.9			
	1648	08494	78.6	54.5	18	31.6	24.3		1.9	6.3			
	1596	08495	78.5	54.8	18	32.2	24.6		1.9	6.6			
	1533	08500	77.4	54.7	21	33.7	28.6		1.8	6.8			
	1492	08501	78.0	55.0	19	33.2	39.3		2.0	7.3			
	1440	08502	78.1	55.5	20	33.8	28.3	*	1.5	6.9			
	1419	08503	77.3	56.1	22	35.7	33.9		2.1	6.9			
	1346	08504	77.4	55.5	22	34.8	21.0		2.5	6.4			
	1346	08505	77.0	55.0	21	34.6	14.1		3.8	9.1			
	1409	08510	77.7	55.3	21	34.1	19.2		2.4	7.3	2.9	4.1	0.8
	1440	08511	77.6	55.5	21	34.5	23.3		2.1	6.8			
	1419	08512	77.9	55.8	20	34.5	31.2		2.2	6.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-056
AIRCRAFT DATA FLIGHT NUMBER 09 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	1377	08513	77.0	56.3	26	39.7	43.9		2.3	7.0			
	1263	08514	77.6	55.4	21	34.4	29.6		1.8	6.5			
	1169	08515	77.1	55.3	22	34.9	19.7		2.2	6.0			
	1117	08520	76.7	55.6	23	35.8	24.3		1.2	7.5			
	1117	08521	76.4	55.3	23	35.8	23.9		1.4	8.9			
	1107	08522	76.3	55.3	23	36.0	24.7		1.4	7.1	1.6	5.2	1.1
	1096	08523	76.5	55.4	23	35.8	24.6		1.4	6.8			
	1086	08524	76.1	55.3	23	36.2	24.3		1.5	6.4			
	1096	08525	76.2	55.3	23	36.1	19.3		1.9	7.3			
	1096	08530	75.7	55.3	25	36.7	19.2		1.9	7.6			
	1086	08531	75.6	55.3	25	36.9	26.6	*	1.7	6.1			
	1054	08532	76.2	55.6	23	36.5	26.3		1.4	6.7	2.7	27.2	7.9
	1023	08533	76.3	55.9	23	36.7	25.9		1.4	7.2			
	888	08534	74.0	56.7	34	43.3	33.2		1.5	6.6			
	867	08535	75.7	55.7	25	37.3	25.6		1.4	6.8			
	784	08540	75.3	57.5	31	42.8	24.2		1.3	6.1			
	680	08541	74.4	59.4	38	48.2	13.5		2.9	6.6			
	669	08542	74.2	59.6	41	48.5	23.8		1.1	7.9			
	669	08543	74.4	60.5	44	51.6	25.1	*	1.0	6.0			
	763	08544	73.8	60.5	47	52.0	24.5		1.2	5.2			
	805	08545	73.7	60.4	47	52.0	23.2		1.3	5.1			
	888	08550	74.9	59.0	37	47.4	23.1		1.5	5.3			
	1023	08551	76.0	55.5	25	36.6	25.9		1.4	5.9			
	1086	08552	75.9	55.0	24	36.1	24.0		1.7	6.1			
	1148	08553	76.1	54.9	22	35.7	23.4		1.8	5.7			
	1211	08554	76.2	55.0	22	35.7	21.8		2.1	6.0			
	1179	08555	76.5	54.9	22	35.2	28.5		2.1	5.8			
	1169	08560	77.0	55.1	22	34.8	39.7		1.7	6.8			
	1148	08561	77.3	55.3	21	34.6	25.9		1.5	7.1			
	1127	08562	77.4	55.6	22	34.9	24.8		1.4	7.7			
	1107	08563	77.7	55.7	21	34.6	24.1		1.3	7.9			
	1096	08564	77.0	56.1	23	36.1	27.4		1.5	8.1			
	1075	08565	76.0	55.8	25	37.0	27.2		1.3	6.8			
	1054	08570	75.4	55.6	26	37.5	26.8		1.4	7.1			
	1002	08571	74.9	56.2	27	38.8	33.9		1.8	6.5			
	857	08572	73.6	57.9	36	44.9	26.0		1.3	5.7			
	763	08573	73.5	59.6	42	49.1	23.7		1.4	6.0			
	496	08574	74.4	60.3	43	51.4	16.2		1.9	6.2			
	425	08575	74.6	61.0	44	51.8	24.0		0.9	5.5			
	329	08580	75.0	61.4	44	51.8	20.6		0.6	4.7			
	290	08581	76.0	61.9	47	53.8	20.2		0.3	3.8			
	282	08582	75.3	64.2	55	58.1	21.5	*	0.4	3.3			
	290	08583	74.6	66.2	63	61.8	21.2		0.4	3.8			
	290	08584	75.3	66.6	63	61.6	19.9		0.3	3.3			
	290	08585	76.0	67.4	68	63.8	19.3		0.2	2.8			
	290	08590	75.8	67.6	68	64.0	20.8		0.4	2.9			
	290	08591	71.7	13.6	0	-29.7	21.7		0.3	2.8			
	290	08592	70.8	13.6	0	-29.7	21.7		0.3	2.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-057
AIRCRAFT DATA FLIGHT NUMBER 10 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
COMMERCE	1824	12143	74.3	59.2	38	48.1	39.6	2.6		11.5			
	1866	12144	73.9	59.1	41	48.4	41.0	2.7		11.3			
	1970	12145	72.9	59.6	43	49.6	43.1	2.9		10.0			
	2001	12150	73.7	58.8	41	48.3	49.9	2.9		10.3			
	2085	12151	75.5	58.5	36	46.4	49.3	2.7		11.4			
	2033	12152	73.7	59.3	42	48.7	42.6	2.6	*	11.9			
	2126	12153	74.0	58.5	40	47.7	50.9	2.7		11.1			
	2178	12154	75.3	58.2	36	46.3	42.6	2.7		14.7			
	2262	12155	74.7	57.8	33	43.7	36.6	2.8		14.4			
	2272	12160	74.4	57.5	33	43.7	38.3	3.0		14.0			
	2355	12161	73.3	57.7	36	45.0	37.9	3.1		13.9			
	2408	12162	73.3	58.0	37	45.3	36.9	3.2		17.0			
	2460	12163	76.9	57.9	28	41.6	39.4	3.2		18.4			
	2543	12170	74.8	57.8	32	43.6	33.0	3.7		21.6			
	2626	12171	77.2	57.0	27	40.2	31.3	4.0		16.5			
	2657	12172	77.5	56.6	26	39.4	32.4	4.1		10.3			
	2741	12173	77.0	56.5	26	39.9	33.8	4.0		8.6			
	2772	12174	77.0	56.4	26	39.8	39.0	4.0		8.8			
	2845	12175	76.8	56.4	27	40.0	42.6	3.5		9.3			
	2918	12180	76.7	56.2	23	36.6	43.4	3.6		9.6			
	2980	12181	76.4	56.1	23	36.9	42.7	3.7		9.8			
	3022	12182	77.0	56.0	23	36.0	40.9	3.7		9.4			
	3105	12185	76.8	56.4	27	40.0	41.6	3.6		10.7			
	3126	12190	76.6	56.4	27	40.2	46.0	3.8		11.6			
	3126	12191	76.8	57.0	27	40.7	56.9	3.9		14.2			
	3105	12192	77.0	57.0	27	40.5	65.9	3.9		13.8			
	3095	12193	77.1	56.2	23	36.1	46.6	3.5		12.8			
	3043	12194	77.0	56.3	26	39.7	47.6	3.5		11.4			
	3011	12195	77.0	56.4	26	39.8	47.5	3.6		10.2			
	2959	12200	77.4	56.5	26	39.4	45.6	3.6		9.5			
	2980	12201	77.1	56.4	26	39.7	45.4	3.4		9.8			
	2959	12202	77.3	56.4	26	39.4	45.4	3.3		8.4			
	2637	12251	81.4	57.2	20	35.3	44.1	4.0		7.1			
	2574	12252	80.3	57.5	21	37.1	44.4	3.7		8.8			
	2480	12253	81.8	57.6	18	35.3	59.4	3.4		11.6			
	2408	12254	81.3	57.9	20	36.4	45.5	3.3	*	12.2			
	2387	12255	81.1	57.9	21	36.6	58.5	3.0		14.6			
	2293	12260	81.2	57.0	20	35.3	46.3	3.6		9.7			
	2168	12261	81.7	57.3	18	35.1	32.9	3.9		9.0			
	2074	12262	81.8	56.9	18	34.4	29.0	3.7		9.4			
	2053	12263	79.6	57.4	23	37.9	45.6	3.2		10.3			
	1970	12264	80.5	59.0	25	42.0	41.7	3.4		12.5			
	1981	12265	80.3	57.6	21	37.3	44.1	3.3	*	13.3			
	1897	12270	77.6	61.5	38	49.8	44.4	3.3		15.0			
	1793	12271	79.2	58.4	28	42.7	43.8	3.0		15.6			
	1751	12272	79.6	61.9	38	51.1	45.2	2.9		18.9			
	1616	12273	79.0	62.2	39	51.8	35.4	3.0		20.9			
	1543	12274	79.2	64.5	45	55.7	25.8	4.0		22.4			
	1460	12275	80.4	64.6	41	55.0	26.7	3.8		19.9			
	1439	12280	79.3	64.3	45	55.5	35.7	2.9		26.4			
	1429	12281	79.9	64.8	42	55.5	38.7	2.8		23.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-058
AIRCRAFT DATA FLIGHT NUMBER 10 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	1439	12282	79.5	64.8	45	55.7	37.6	*	2.7	24.1			
	1314	12283	80.7	65.5	46	57.8	40.4		2.7	21.2			
	1210	12284	81.3	65.6	45	57.5	33.2		2.0	20.3			
	1168	12285	81.6	65.6	42	57.3	38.1		2.5	19.6			
	1095	12290	82.4	63.3	32	50.0	35.7		1.8	19.2			
	1033	12291	82.0	65.1	38	54.2	37.2		1.9	19.5			
	1043	12292	82.0	64.6	37	53.9	32.3	*	1.9	19.7			
	991	12293	82.2	63.4	33	50.2	42.2		1.5	18.4			
	918	12294	82.0	63.4	33	50.4	45.2		1.9	16.8			
	835	12295	82.5	63.9	36	53.0	25.0		2.1	16.5			
	741	12300	83.0	65.1	37	53.5	22.8		2.1	18.4			
	721	12301	83.9	65.8	38	55.9	33.8	*	1.4	20.1	1.9	3.8	2.9
	741	12302	84.1	65.6	38	55.6	41.0		1.6	22.0			
	825	12303	82.9	65.1	37	53.6	35.4		1.9	23.4			
	908	12304	82.4	64.3	37	53.4	36.5		1.9	25.5			
	960	12305	82.3	65.7	42	56.9	32.2		2.1	25.9			
	1033	12310	81.8	65.4	42	57.0	23.7		3.1	27.1			
	1012	12311	81.8	65.1	38	54.4	27.0		2.8	27.4			
	1023	12312	81.9	65.6	42	57.1	38.0		2.2	26.6			
	1023	12313	81.9	65.5	42	57.0	36.5		2.0	28.0			
	1023	12314	82.1	64.9	38	54.0	38.8		1.8	28.1			
	1033	12315	81.9	65.1	38	54.3	37.7	*	1.9	26.1	2.2	3.5	3.2
	1158	12320	81.4	64.0	40	53.9	37.9		2.0	23.8			
	1262	12321	80.2	64.3	41	54.9	34.2		2.3	22.5			
	1325	12322	79.4	64.4	45	55.5	40.6		2.4	21.1			
	1387	12323	79.2	63.1	40	52.3	51.5		2.2	19.9			
	1429	12324	79.2	62.8	39	52.1	46.2		2.4	18.1			
	1439	12325	79.5	62.7	39	51.8	30.3		2.7	15.5			
	1543	12330	78.6	62.4	40	52.2	30.4		3.1	16.2			
	1522	12331	79.0	62.8	40	52.2	39.6		2.5	16.4	1.8	2.5	1.5
	1533	12332	79.8	61.8	36	50.9	40.5		2.4	17.4			
	1502	12333	79.5	62.4	39	51.6	40.2		2.5	18.6			
	1554	12334	79.3	62.0	38	51.4	40.3		2.4	22.7			
	1627	12335	78.4	63.4	41	53.1	42.6		2.7	20.9			
	1679	12340	78.2	62.3	40	52.5	33.8		3.1	20.4			
	1772	12341	78.7	60.8	34	48.3	31.5		3.8	21.5			
	1804	12342	78.6	61.5	35	49.0	32.5		4.0	22.8			
	1897	12343	79.3	59.6	29	43.8	38.2		3.7	24.0			
	1949	12344	78.1	60.9	35	48.9	47.8		3.7	21.6			
	1981	12345	78.9	59.6	29	44.2	52.6		3.6	19.5			
	1960	12350	77.8	61.5	38	49.6	42.1	*	3.4	20.4			
	2085	12351	78.6	59.3	29	44.2	45.7		3.2	20.3			
	2189	12352	78.3	57.4	24	39.4	45.0		3.4	14.4			
	2241	12353	81.1	56.8	19	35.2	46.3		3.4	9.6			
	2303	12354	80.3	56.5	20	35.9	43.9		3.6	8.5			
	2376	12355	80.9	57.6	21	36.5	46.4		3.4	11.2			
	2449	12360	81.1	57.7	20	36.4	46.0		3.3	12.5			
	2460	12361	80.4	56.4	20	35.6	45.3	*	3.2	7.9			
	2543	12362	80.9	57.4	20	36.2	53.6		3.2	11.9			
	2585	12363	80.0	57.3	21	37.3	43.0		3.4	12.2			
	2595	12364	80.6	57.4	21	36.6	31.6		3.7	13.1			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-059
AIRCRAFT DATA FLIGHT NUMBER 10 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
COMMERCE	2626	12365	81.1	57.2	20	35.7	29.8	3.9		12.6			
	2699	12370	81.1	57.0	20	35.5	44.7	3.4		10.9			
	2762	12371	80.3	56.8	20	36.2	44.0	3.5		10.0			
	2855	12372	79.9	56.4	20	36.2	41.7	3.4		9.5			
	2897	12373	80.4	56.5	20	35.7	45.8	3.4		7.7			
	2949	12374	80.6	56.5	20	35.5	43.9	3.5		7.3			
	2939	12375	80.8	56.6	20	35.3	44.0	* 3.7		7.3			
	3022	12380	80.5	56.4	20	35.5	35.5	4.3		7.5			
	3105	12381	79.7	56.2	17	32.5	34.5	4.6		7.3			
	3095	12382	80.0	56.2	17	32.1	37.2	4.5		7.3			
	3168	12383	79.4	55.9	19	32.5	46.7	4.3		7.1			
	3199	12384	79.5	55.3	18	31.5	53.8	4.2		4.8			
	3251	12385	79.2	55.1	18	31.6	52.0	4.0		4.6			
	3345	12390	78.8	55.0	18	32.1	46.6	4.0		4.1			
	3418	12391	78.4	54.9	19	32.5	45.7	3.9		3.9			
	3418	12392	78.9	54.8	18	31.6	45.5	* 3.9		4.0			
	3480	12393	78.4	55.0	19	32.7	45.8	3.9		4.3			
	3647	12394	77.2	54.8	21	34.1	47.2	3.9		4.3			
	3699	12395	76.9	54.8	21	34.5	46.9	3.9		4.9			
	3782	12400	76.5	54.7	22	34.9	47.5	3.8		4.7			
	3845	12401	76.1	54.4	19	31.4	46.7	3.8		4.6			
	3907	12402	75.6	54.2	20	31.8	46.3	3.7		4.5			
	3907	12403	76.0	54.2	20	31.2	45.7	* 3.6		4.2			
	3928	12404	76.2	54.1	18	30.7	53.7	3.5		4.2			
	4136	12405	74.7	53.8	21	32.6	52.7	3.7		4.2			
	4219	12410	74.1	53.5	23	33.0	43.1	3.7		4.0			
	4271	12411	73.6	53.2	23	33.3	36.2	3.8		4.1			
	4324	12412	73.4	53.1	23	33.4	32.5	4.0		5.0			
	4407	12413	72.8	52.8	23	33.9	36.3	4.0		5.1			
	4396	12414	73.3	52.9	23	33.3	46.7	* 3.8		4.9			
	4438	12415	73.0	52.6	20	29.6	46.3	3.9		5.1			
	4584	12420	71.9	52.4	22	31.0	45.5	4.0		4.6			
	4605	12421	71.9	52.2	22	30.7	44.8	4.0		4.3			
	4667	12422	71.6	52.1	22	31.0	46.5	4.1		4.6			
	4782	12423	70.9	51.8	23	31.7	46.5	4.2		4.0			
	4823	12424	70.7	51.6	23	31.7	46.9	4.3		3.8			
	4896	12425	70.4	51.4	24	31.8	46.5	* 4.5		3.7			
	4865	12430	71.0	51.5	22	31.0	44.9	4.6		3.4			
	4834	12431	71.4	51.5	22	30.4	46.4	4.7		3.4			
	4823	12432	71.6	51.6	22	30.2	47.4	4.7		3.5			
	4844	12433	71.4	51.5	22	30.4	39.1	5.0		3.8			
	4865	12434	71.1	51.4	22	30.7	38.5	5.0		3.5			
	4907	12450	71.0	51.4	22	30.9	43.5	4.6		3.0			
	4875	12460	71.2	51.4	22	30.6	43.1	4.1		2.9			
	4803	12520	70.9	51.9	23	31.8	40.0	2.9		6.6			
SPECIAL	4480	12550	52.7	52.8	100	53.7	19.9	0.0		1.3			
	4428	12551	73.2	53.1	23	33.7	35.6	3.1		6.5			
	4251	12555	74.6	53.6	21	32.4	37.2	2.7		6.1			
	4230	12560	74.7	53.7	21	32.4	37.5	2.7		6.5			
	4146	12561	74.9	53.9	21	32.4	38.0	2.8		6.0			
	4074	12562	75.5	54.1	20	31.8	47.2	2.8		5.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-060
AIRCRAFT DATA FLIGHT NUMBER 10 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	3928	12563	76.3	54.4	19	31.1	51.3	2.6	5.8			
	3886	12564	76.7	54.7	21	34.6	41.8	* 2.6	5.7			
	3876	12565	75.9	54.8	24	35.8	40.2	2.6	7.0			
	3845	12570	76.2	54.9	22	35.6	50.8	2.6	7.6			
	3782	12571	76.8	55.3	22	35.3	44.4	2.6	7.6			
	3751	12572	76.9	55.3	22	35.2	31.6	3.1	8.9			
	3667	12573	77.2	55.5	22	35.0	25.7	3.3	8.0			
	3595	12574	77.8	55.8	21	34.6	23.9	3.8	7.3			
	3532	12575	78.2	55.8	20	34.1	40.5	2.7	7.4			
	3459	12580	78.6	56.0	20	33.8	37.9	2.7	8.0			
	3407	12582	79.1	56.1	19	33.2	44.7	2.5	8.3			
	3428	12583	78.7	56.1	20	33.8	40.1	2.5	7.7			
	3407	12584	78.9	56.1	19	33.5	40.5	2.5	7.4			
	3428	12585	78.9	56.1	19	33.5	41.5	2.5	7.3			
	3480	12590	78.8	55.9	19	33.4	41.1	2.4	7.1			
	3449	12591	79.3	55.9	19	32.7	42.6	2.2	6.7			
	3449	12592	78.9	56.1	19	33.5	38.4	2.2	7.9			
	3470	12593	79.0	56.0	19	33.2	41.9	2.1	8.1			
	3480	12594	78.8	56.0	19	33.5	43.7	2.1	7.6			
	3501	12595	78.8	55.8	19	33.2	40.1	2.2	7.1			
	3574	13000	78.4	57.9	25	39.9	39.2	2.5	12.5			
	3595	13001	77.6	58.4	31	44.3	34.8	2.6	19.0			
	3615	13002	77.7	58.3	31	44.1	33.7	2.2	20.7			
	3605	13003	77.6	57.3	27	40.1	33.4	2.3	16.6			
	3532	13004	78.6	57.4	24	39.1	36.1	2.2	15.1			
	3459	13005	79.0	56.8	23	37.9	35.2	2.3	14.1			
	3438	13010	78.9	58.1	28	42.7	37.0	2.3	15.8			
	3407	13011	79.0	57.9	24	39.2	38.9	2.3	18.6			
	3324	13012	79.3	57.8	24	38.7	37.1	2.2	15.6			
	3303	13013	79.2	58.1	27	42.4	30.5	2.5	18.3			
	3282	13014	79.3	58.3	27	42.5	39.4	2.1	18.9			
	3251	13015	79.6	58.7	28	42.6	37.9	2.1	22.3			
	3220	13020	79.3	59.0	28	43.2	36.5	2.0	22.5			
	3209	13021	79.2	58.4	28	42.7	38.2	1.9	21.2			
	3230	13022	79.0	57.9	24	39.2	39.1	2.0	18.1			
	3241	13023	77.5	58.2	31	44.2	38.6	1.8	20.7			
	3199	13024	77.5	57.6	27	40.6	37.8	1.9	23.1			
	3168	13025	78.5	57.6	24	39.4	37.8	1.7	21.8			
	3188	13030	78.2	57.0	24	39.1	42.8	1.5	21.3			
	3251	13031	77.3	56.7	26	39.8	37.9	1.9	19.8			
	3261	13032	77.3	56.5	26	39.5	30.8	2.1	19.2			
	3345	13033	76.9	56.1	23	36.2	24.1	2.9	17.5			
	3366	13034	77.0	56.1	23	36.1	29.5	2.9	16.8			
	3407	13035	76.2	56.5	27	40.8	33.7	2.4	20.5			
	3407	13040	74.7	57.3	32	43.2	31.6	2.6	22.0			
	3418	13041	74.0	59.3	41	48.4	33.9	2.8	30.1			
	3428	13042	73.3	59.9	47	51.9	42.7	2.8	30.3			
	3397	13043	74.4	60.0	43	51.2	39.8	2.6	32.6			
	3470	13044	73.1	58.7	42	48.7	28.5	2.8	29.2			
	3459	13045	73.9	57.8	36	44.5	22.3	3.3	24.5			
	3438	13050	73.8	58.1	40	47.6	22.1	2.9	27.7	4.8		

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-061
AIRCRAFT DATA FLIGHT NUMBER 10 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
SPECIAL	3438	13051	74.3	57.8	33	44.1	31.1		2.2	28.0			
	3470	13052	73.3	59.2	42	48.9	27.2		3.2	29.9			
	3522	13053	73.2	59.3	42	49.1	31.9		3.0	31.3	1.7	2.8	4.1
	3553	13054	73.7	58.7	41	48.2	33.4		2.6	32.1			
	3543	13055	74.3	58.1	37	47.1	39.3		2.3	28.2			
	3449	13060	74.9	58.3	36	46.8	32.4		2.1	29.0			
	3418	13061	75.1	58.3	36	46.6	33.0		2.5	34.0			
	3334	13062	55.7	59.6	100	61.3	15.6		0.0	37.2			
	3324	13063	74.6	59.6	38	48.2	30.7		2.2	36.5			
	3303	13064	74.9	58.4	37	46.9	18.8		0.0	32.8			
	3282	13065	75.3	57.9	32	43.2	33.2		1.8	23.5			
	3220	13070	75.7	57.1	30	42.0	33.9		2.0	26.7			
	3220	13071	75.9	55.8	25	37.1	34.6		1.9	20.7			
	3251	13072	76.5	55.5	23	36.0	38.0		2.0	17.4			
	3230	13073	77.1	55.9	22	35.7	31.4		2.2	17.7			
	3199	13074	77.1	55.6	22	35.3	30.6		2.2	15.8			
	3366	13075	76.3	55.2	23	35.8	31.0		2.0	13.2			
	3459	13080	76.5	55.4	23	35.8	38.4		1.9	13.0			
	3522	13081	74.9	54.9	25	37.3	38.6		2.0	14.8			
	3563	13082	76.8	55.4	22	35.4	39.2		2.3	14.1			
	3584	13083	77.4	55.0	21	34.1	40.8		2.4	10.4			
	3667	13084	77.0	55.1	22	34.8	38.7		2.7	11.5			
	3772	13085	76.0	54.7	24	35.6	39.3		2.8	10.3			
	3813	13090	75.6	54.9	24	36.4	40.5		2.8	13.6			
	3855	13091	75.3	54.7	25	36.5	40.6		2.9	14.5			
	3938	13092	75.7	53.8	20	31.1	39.2		3.0	9.3			
	4146	13100	75.2	53.6	20	31.5	42.0		3.3	9.1			
EL MONTE	4126	13140	75.8	53.2	19	29.9	35.7		4.2	4.1			
	4053	13141	76.2	53.4	18	29.6	42.1		4.2	4.8			
	3949	13142	76.4	53.6	18	29.6	48.4		4.2	4.1			
	3876	13143	76.7	53.9	18	29.6	53.1		4.1	4.5			
	3855	13144	76.7	54.0	18	29.8	39.1	*	3.9	4.8			
	3772	13145	77.0	54.1	17	29.4	49.2		3.7	4.9			
	3699	13150	77.3	54.4	17	29.4	45.1		3.7	6.7			
	3595	13151	75.5	55.0	25	36.6	39.2		3.9	11.4			
	3470	13152	75.6	55.0	25	36.5	38.0		3.9	13.8			
	3407	13153	76.3	55.0	22	35.6	35.2		3.8	13.2			
	3334	13154	76.3	55.0	22	35.6	35.4	*	3.4	11.9			
	3345	13155	76.2	55.2	23	36.0	35.6		3.4	13.2			
	3272	13160	76.1	54.7	22	35.4	38.7		3.5	11.8			
	3220	13161	76.9	55.1	22	34.9	30.2		3.9	11.6			
	3168	13162	76.9	55.4	22	35.3	26.8		4.7	11.7			
	3126	13163	76.9	55.1	22	34.9	23.3		5.1	11.6			
	3095	13164	75.3	58.3	36	46.4	29.7		4.7	12.4			
	3084	13165	74.7	60.0	43	50.9	32.7		4.3	15.4			
	3001	13170	74.3	62.0	50	55.1	33.2		4.0	17.3			
	2897	13171	74.9	61.4	44	51.9	33.5	*	3.7	18.1			
	2949	13172	75.4	59.2	37	47.1	36.3		3.6	19.4			
	2855	13173	74.8	62.1	49	54.8	31.9		3.5	22.3			
	2793	13174	75.6	61.5	43	51.4	40.8		3.3	60.9			
	2730	13175	75.6	61.8	48	54.0	44.3		3.3	34.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-062
AIRCRAFT DATA FLIGHT NUMBER 10 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	2585	13180	76.6	61.4	40	50.5	39.7	3.1	28.3			
	2543	13181	77.1	60.8	38	49.6	35.3	2.9	27.6			
	2439	13182	77.3	61.2	38	49.8	32.3	2.6	27.5			
	2418	13183	77.2	60.8	38	49.6	29.9	2.6	26.5			
	2439	13184	77.3	59.9	37	48.7	26.8	2.9	26.1			
	2543	13185	76.4	58.2	32	45.3	24.6	3.9	19.5			
	2553	13190	76.5	58.9	33	45.8	27.7	3.9	19.3			
	2605	13191	76.3	60.5	39	50.1	28.6	4.0	23.6			
	2668	13192	76.0	60.6	42	50.4	30.3	3.7	23.3			
	2741	13193	75.2	62.0	48	54.4	32.5	3.4	27.4			
	2689	13194	76.0	61.1	42	50.8	41.3	3.2	27.6			
	2762	13195	75.9	58.7	36	46.2	49.8	3.3	21.8			
	2834	13200	76.3	57.4	28	41.7	38.7	3.1	18.1			
	2887	13201	75.9	57.3	30	42.0	35.6	3.1	18.1			
	2928	13202	75.6	57.8	31	42.8	33.9	3.0	19.1			
	2959	13203	75.3	56.6	30	41.9	28.7	3.3	14.5			
	2949	13204	76.0	55.1	24	36.1	26.8	3.7	10.5			
	2855	13205	76.5	56.7	27	40.7	27.6	4.1	12.5			
	2834	13210	75.1	59.0	37	47.2	26.8	4.4	19.8			
	2741	13211	75.8	59.6	37	47.1	28.1	4.0	20.5			
	2637	13212	76.3	61.5	40	50.8	35.7	3.3	20.8			
	2678	13213	75.8	61.5	43	51.2	45.4	3.3	29.5			
	2637	13214	77.0	59.0	33	45.5	45.9	2.8	19.2			
	2668	13215	76.5	57.9	29	42.0	40.9	2.7	18.5			
	2657	13220	76.5	59.1	33	46.0	35.8	2.7	19.8			
	2647	13221	76.1	58.7	33	46.0	30.5	1.9	22.4			
	2689	13222	76.8	56.4	27	40.0	23.7	3.6	14.2			
	2751	13223	76.5	57.3	28	41.3	26.1	3.9	14.8			
	2762	13224	75.3	59.3	37	47.3	27.0	4.0	18.0			
	2699	13225	76.0	60.2	41	50.1	27.4	3.9	21.2			
	2678	13230	76.7	59.5	34	46.2	30.9	3.6	23.5			
	2626	13231	77.6	59.3	32	45.2	35.2	3.0	19.3			
	2605	13232	78.3	58.9	29	44.1	36.7	3.1	23.3			
	2657	13233	77.2	57.3	27	40.6	45.7	2.9	15.3			
	2678	13234	76.5	59.1	33	46.0	34.2	3.1	19.2			
	2678	13235	75.8	60.2	41	50.2	21.3	4.2	23.2			
	2647	13240	76.0	61.1	42	50.8	26.2	3.5	26.9			
	2637	13241	76.9	59.7	34	46.2	32.2	2.7	25.0			
	2647	13242	76.5	60.2	38	49.6	32.8	3.0	24.9			
	2647	13243	76.3	60.4	39	50.0	30.5	3.0	26.5			
	2637	13244	76.3	60.9	39	50.4	31.2	2.8	28.1			
	2657	13245	76.3	60.3	39	49.9	28.3	3.2	29.0			
	2668	13250	75.7	61.5	43	51.3	26.5	3.0	27.1			
	2657	13251	77.0	59.8	34	46.2	31.8	2.8	27.6			
	2574	13252	76.7	60.9	39	50.1	23.6	2.9	28.7			
	2480	13253	77.7	60.6	37	49.0	26.8	2.5	30.1			
	2418	13254	77.6	60.9	38	49.3	28.6	2.3	31.2			
	2418	13255	77.9	60.5	35	48.7	27.8	* 2.4	39.3			
	2376	13260	77.7	60.8	38	49.1	26.7	2.3	36.1			
	2314	13261	77.9	61.1	35	49.2	24.9	2.3	30.0			
	2376	13262	77.2	60.6	38	49.4	28.1	2.4	34.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-063
AIRCRAFT DATA FLIGHT NUMBER 10 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
EL MONTE	2345	13263	77.7	60.8	38	49.1	28.7	2.4		29.5			
	2376	13264	77.6	60.5	37	49.0	36.0	2.3		32.7			
	2366	13265	77.5	60.5	37	49.1	28.0	2.4		30.4			
	2210	13270	79.0	60.8	34	48.0	21.3	2.5		28.9			
	2199	13271	79.3	60.8	34	47.8	22.5	2.3		27.1			
	2126	13272	79.9	61.2	31	47.6	26.0	2.1		30.1			
	2053	13273	79.6	62.3	38	51.4	29.5	2.0		30.0			
	1991	13274	80.0	62.4	36	51.2	26.6	2.0		29.9			
	1939	13275	79.9	63.0	37	51.7	23.5	1.9	*	30.2			
	1918	13280	80.2	63.1	37	51.6	22.1	2.0		32.5			
	1804	13281	80.7	64.1	41	54.4	18.1	2.1		28.9			
	1720	13282	81.5	64.3	38	54.0	15.5	2.1		27.8			
	1616	13283	81.9	64.5	37	53.9	16.7	1.8		29.6			
	1543	13284	82.5	64.4	37	53.4	17.9	1.7		30.0			
	1491	13285	82.5	64.2	37	53.2	18.5	1.0		30.0			
	1502	13290	82.2	64.0	37	53.3	20.0	1.2	*	31.0			
	1439	13291	82.4	64.2	37	53.3	22.2	1.1		30.4	1.6	2.9	
	1470	13292	82.6	63.7	36	52.8	24.1	1.3		35.4			
	1470	13293	82.9	63.8	36	52.6	23.5	1.2		30.9			
	1429	13294	83.4	64.0	34	52.4	21.7	1.3		31.4			
	1293	13295	84.3	64.5	33	52.1	19.7	1.2		28.7			
	1179	13300	85.3	65.1	31	51.8	19.4	1.1		30.4			
	1085	13301	85.3	65.5	34	54.7	17.8	1.1		31.5			
	1033	13302	85.3	66.0	35	55.1	15.8	0.9	*	33.2			
	1033	13303	85.5	66.6	35	55.3	16.0	0.9		33.2			
	1033	13304	85.2	66.6	35	55.5	15.2	1.0		37.3			
	1075	13305	85.0	66.9	38	55.9	13.6	1.4		29.8			
	1033	13310	85.7	66.7	35	55.3	13.7	1.3		30.1			
	991	13311	85.9	66.8	35	55.2	13.4	1.2		28.9			
	856	13312	87.3	66.9	32	54.3	14.9	0.7		26.9			
	804	13313	86.7	66.7	34	54.6	15.2	0.3		27.2	1.4	2.1	4.4
	783	13314	86.3	66.6	35	54.8	14.8	0.3	*	32.7			
	793	13315	86.3	66.3	34	54.6	14.6	0.2		33.5			
	814	13320	86.3	66.0	34	54.4	15.9	0.5		32.0			
	981	13321	86.0	65.9	34	54.5	17.6	0.4		33.3			
	1085	13322	85.5	65.3	34	54.4	17.4	0.6		30.1			
	1158	13323	84.1	64.8	34	52.5	19.3	0.9		34.1			
	1210	13324	83.9	65.1	34	52.8	17.9	0.8		33.5			
	1325	13325	83.0	65.0	37	53.4	16.4	1.0		35.2			
	1439	13330	82.6	64.9	37	53.7	18.1	1.2		32.5			
	1522	13331	82.4	64.5	37	53.5	19.3	1.4		33.1			
	1606	13332	81.5	64.5	38	54.1	19.7	1.5		33.5			
	1689	13333	81.1	64.4	40	54.4	21.5	1.6		32.5			
	1731	13334	81.0	64.5	41	54.5	20.3	1.6		31.7			
	1835	13335	80.4	64.4	41	54.9	19.9	1.7		31.9			
	1908	13340	80.1	64.2	41	54.9	20.6	1.9		31.3			
	2064	13341	79.8	64.2	42	55.1	21.4	2.1		30.8			
	2085	13342	80.2	63.3	37	51.7	27.0	2.3		28.8			
	2053	13343	80.6	62.3	35	50.6	27.2	2.2		30.0			
	2053	13344	80.5	61.3	31	47.1	26.9	2.2		24.9			
	2064	13345	80.2	61.1	31	47.2	29.7	2.1		23.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-064
AIRCRAFT DATA FLIGHT NUMBER 10 DATA DATE 09/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2001	13350	80.4	62.0	35	50.5	27.6		2.1	25.2			
	2001	13351	80.4	61.6	31	47.5	28.7		2.0	23.2			
	1960	13352	80.7	60.6	30	46.3	28.0		1.7	20.9			
	1949	13353	80.4	60.9	31	46.9	29.1		1.7	19.4			
	1949	13354	80.2	60.7	31	46.9	27.3		1.9	18.0			
	1949	13355	80.1	61.0	31	47.2	28.2		1.9	16.7			
	1949	13360	80.0	61.6	32	47.9	28.5		1.9	17.7			
	1991	13361	79.7	61.5	32	48.0	28.6		2.0	17.3			
	2053	13362	79.9	61.4	32	47.8	29.5		1.8	16.4			
	2033	13363	80.0	61.4	32	47.7	30.1		1.8	15.7			
	2022	13364	79.9	60.7	31	47.1	30.7		1.6	15.7			
	1939	13365	80.2	60.2	30	46.4	32.2		1.5	14.5			
	1793	13370	81.2	60.8	30	46.1	29.2		1.4	13.6			
	1751	13371	81.4	61.1	30	46.2	31.2		1.4	14.2			
	1637	13372	82.2	61.4	28	45.7	33.9		1.4	14.2			
	1574	13373	81.9	61.3	29	45.9	26.3		1.5	13.9			
	1439	13374	82.5	61.7	31	48.6	24.4		1.3	14.9			
	1366	13375	83.2	61.9	30	48.1	19.9		1.8	14.4			
	1345	13380	83.1	62.1	31	48.4	17.8		2.0	14.8			
	1283	13381	83.6	62.0	28	47.9	20.8		1.8	16.0			
	1200	13382	83.7	62.4	29	48.1	25.4		1.1	17.7			
	1137	13383	83.9	62.3	28	47.9	25.1		1.0	18.7			
	1127	13384	84.0	63.0	29	48.4	23.8		1.2	20.3			
	1137	13385	83.9	63.1	29	48.6	24.2	*	1.3	20.6			
	1137	13390	83.9	62.8	29	48.3	23.9		0.8	19.2			
	1095	13391	84.1	62.8	29	48.1	24.5		0.7	16.8			
	1043	13392	84.1	63.4	29	48.6	22.3		1.2	16.5			
	1002	13393	85.0	63.9	32	51.1	30.7		1.1	15.3			
	898	13394	85.1	63.8	30	50.9	32.2		0.9	15.5	1.9	6.4	2.1
	752	13395	85.8	64.1	30	50.6	23.2		1.0	14.8			
	658	13400	86.3	64.0	29	50.1	22.7		0.9	14.6			
	424	13401	87.3	64.6	27	49.8	24.5		0.4	15.3			
	337	13402	87.3	65.7	31	53.4	21.9		0.5	16.4			
	297	13403	88.3	66.3	31	53.1	17.7		0.2	14.8			
	305	13404	89.0	71.8	42	63.6	19.0	*	0.1	12.2			
	313	13405	88.0	71.7	45	64.0	19.7		0.2	11.8			
	313	13410	88.2	70.9	45	63.5	21.7		0.1	10.6			
	313	13411	88.3	69.8	40	60.5	21.5		0.1	11.5			
	313	13412	88.2	69.4	40	60.3	21.4		0.1	10.8			
	313	13413	88.0	69.3	40	60.4	21.6		0.2	11.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-065
AIRCRAFT DATA FLIGHT NUMBER 11 DATA DATE 10/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	237	07055	61.2	57.3	80	54.6	5.1		0.0	0.0			
	237	07060	60.8	57.5	81	55.0	5.1		0.0	0.5			
	237	07061	60.6	57.6	82	55.2	5.2		0.0	0.0			
	237	07062	60.6	57.6	82	55.2	5.2		0.0	0.1			
	237	07063	60.6	57.8	82	55.3	5.1		0.0	1.7			
	230	07064	60.6	57.6	82	55.2	5.2		0.0	0.0			
	222	07065	61.0	57.1	80	54.6	5.3		0.0	0.0			
	253	07070	61.2	59.7	91	58.1	5.2		0.3	0.3			
	333	07071	61.2	59.5	90	57.9	5.6		0.0	0.5			
	373	07072	61.8	60.0	90	59.7	5.8		0.0	0.6			
	606	07073	64.7	61.1	82	58.6	6.0		0.2	1.5			
	658	07074	65.2	61.2	81	58.4	6.1		0.3	0.9			
	720	07075	65.0	61.3	81	58.6	6.3		0.3	1.0			
	751	07080	65.4	61.4	76	58.4	6.5		0.1	1.0			
	772	07081	66.3	61.2	74	57.7	6.6		0.3	1.3			
	804	07082	66.6	61.4	74	57.6	6.7	*	0.4	0.7			
	866	07083	68.2	60.2	65	55.8	7.7		0.3	0.9			
	1012	07084	70.2	59.3	52	51.5	8.2		0.4	0.1			
	1033	07085	70.5	59.3	52	51.3	7.3		0.6	0.7			
	1033	07090	70.9	59.4	48	51.1	7.0		0.3	1.4			
	1022	07091	70.7	59.5	49	51.3	6.9	*	0.3	1.9			
	1126	07092	70.7	59.3	48	51.1	6.5		0.7	1.3			
	1230	07093	70.9	59.0	48	50.7	6.5		0.8	1.9			
	1293	07094	70.5	58.7	51	50.8	7.3		0.5	3.1			
	1345	07095	70.7	58.4	47	50.4	7.3		0.6	2.8			
	1418	07100	70.9	58.7	47	50.5	7.3		0.7	3.1			
	1501	07101	71.1	59.0	47	50.6	7.5		0.8	2.6			
	1522	07102	71.7	59.3	47	50.3	7.7		0.8	2.8			
	1543	07103	71.5	59.2	47	50.4	7.7	*	0.8	2.5			
	1605	07104	71.3	59.0	47	50.4	7.2		0.9	3.1			
	1730	07105	71.9	58.1	45	49.2	7.2		0.9	2.9			
	1751	07110	72.1	58.7	46	49.5	8.0		0.8	1.4			
	1793	07111	72.2	59.1	46	49.8	7.7		1.0	1.8			
	1855	07112	73.0	57.1	36	44.7	8.0		0.9	1.8			
	1928	07113	72.7	56.7	36	44.6	8.3		1.0	3.1			
	1970	07114	72.8	56.7	36	44.5	8.4	*	1.1	1.6			
	2022	07115	72.7	56.6	36	44.5	7.6		1.4	1.4			
	2168	07120	72.1	56.3	38	44.8	7.5		1.8	3.1			
	2220	07121	71.8	57.1	40	45.9	8.7		1.5	1.5			
	2313	07122	72.0	57.2	40	45.8	9.9		1.4	0.7			
	2366	07123	71.9	56.6	39	45.3	10.5		1.4	0.6			
	2428	07124	71.7	55.6	34	41.8	9.5		1.4	0.8			
	2407	07125	72.2	56.6	39	45.0	9.2	*	1.3	0.5			
	2501	07130	71.8	55.8	34	41.9	9.8		1.5	0.5			
	2595	07131	72.1	54.4	28	36.9	9.6		1.5	0.9			
	2657	07132	72.1	55.4	33	41.1	9.7		1.7	0.4			
	2699	07133	72.2	55.5	33	41.1	10.0		1.6	0.2			
	2782	07134	72.1	55.5	33	41.2	9.8		1.8	0.3			
	2876	07135	71.7	55.3	34	41.4	9.7		1.8	0.3			
	2907	07140	71.7	55.3	34	41.4	9.9		1.7	0.1			
	2884	07141	72.1	55.5	33	41.2	9.8	*	1.7	0.3			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-066
AIRCRAFT DATA FLIGHT NUMBER 11 DATA DATE 10/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2897	07142	71.9	55.4	33	41.3	10.9		1.6	0.3			
	3042	07143	71.0	55.1	34	42.0	11.3		1.9	0.3			
	3126	07144	70.8	54.5	34	41.5	10.1		1.8	0.7			
	3167	07145	70.7	54.0	30	38.2	9.3		2.0	2.6			
	3199	07150	70.5	53.8	31	38.2	8.3		2.7	1.2			
	3219	07151	70.4	53.8	32	38.3	7.6		3.2	1.8			
	3313	07152	70.0	53.5	32	38.4	9.4		2.1	1.3			
	3396	07153	69.6	53.5	32	38.9	9.6		2.0	1.5			
	3376	07154	70.3	53.5	31	38.0	10.0	*	2.0	1.3			
COMMERCE	3292	07214	71.0	55.0	34	41.9	13.3		2.1	0.4			
	3209	07215	71.1	55.2	34	42.0	15.7		2.1	0.1			
	3136	07220	71.6	54.9	33	41.1	14.8		2.2	1.2			
	3074	07221	71.6	54.8	33	41.0	10.7		1.8	2.1			
	3032	07222	71.7	54.8	33	40.9	11.0		1.7	1.8			
	2928	07223	72.1	55.1	33	40.8	10.5		1.7	1.3			
	2928	07224	71.7	55.2	33	41.3	10.4	*	1.6	1.8			
	2897	07225	71.7	55.3	34	41.4	11.0		1.6	1.6			
	2772	07230	72.4	55.3	33	40.7	10.9		1.6	1.5			
	2709	07231	72.6	55.4	31	40.6	10.0		1.9	1.7			
	2667	07232	72.8	55.6	31	40.6	9.1		2.4	1.7			
	2605	07233	72.9	56.0	31	40.9	8.2		3.1	1.8			
	2522	07234	73.2	56.4	35	43.8	8.6		2.3	0.7			
	2459	07235	73.3	56.7	35	44.0	9.9		1.6	0.3			
	2438	07240	72.8	56.6	35	44.4	10.4		1.3	1.0			
	2449	07241	72.4	56.4	38	44.6	10.3	*	1.3	0.5			
	2397	07242	72.8	56.1	31	41.1	9.9		1.3	0.6			
	2324	07243	73.3	56.1	31	40.6	10.2		1.3	0.3			
	2261	07244	73.3	56.1	31	40.6	10.0		1.3	0.7			
	2188	07245	73.3	56.1	31	40.6	12.0		1.5	0.5			
	2074	07250	72.9	57.0	36	44.7	15.3		1.5	0.3			
	1928	07251	72.3	57.1	39	45.4	14.0		1.9	2.0			
	1939	07252	71.9	57.6	40	46.2	10.2	*	1.2	1.7			
	1928	07253	71.7	57.4	40	46.2	10.5		1.1	1.8			
	1845	07254	71.6	57.9	41	46.8	10.6		1.1	2.3			
	1782	07255	71.9	58.0	41	46.6	10.8		1.1	1.3			
	1720	07260	72.3	58.1	45	48.9	10.9		1.1	1.4			
	1616	07261	72.3	58.3	45	49.0	10.9		1.1	2.4			
	1585	07262	72.3	58.4	45	49.1	9.5		1.4	2.8			
	1460	07263	72.1	58.6	46	49.4	8.0		2.3	6.0			
	1449	07264	71.2	58.7	47	50.3	8.3		1.9	0.9			
	1418	07265	71.6	58.9	47	50.1	10.0	*	1.0	0.6			
	1428	07270	71.6	58.5	46	49.8	10.4		0.6	0.8			
	1324	07271	70.5	58.7	51	50.8	10.0		0.7	1.0			
	1272	07272	70.4	59.1	52	51.2	10.1		0.6	0.7			
	1210	07273	70.1	59.5	53	51.8	10.0		0.5	1.0			
	1126	07274	69.4	60.0	59	54.8	9.8		0.4	1.1			
	1053	07275	69.4	60.3	59	55.1	10.0		0.7	1.2			
	1043	07280	69.3	60.4	60	55.2	10.3	*	1.0	1.8			
	1001	07281	69.3	60.5	60	55.3	14.0		0.8	0.9			
	866	07282	69.6	60.5	59	55.1	14.2		1.4	1.2			
	783	07283	67.2	61.3	68	57.2	10.2		0.3	5.8			

SCOTT RESEARCH LABORATORIES CPA70-6114211135R043 RUN DATE 02/04/70-067
AIRCRAFT DATA FLIGHT NUMBER 11 DATA DATE 10/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	720	07284	65.5	62.8	84	61.1	9.7		0.7	2.1	17.3	15.5	11.1
	720	07285	65.7	62.7	83	60.9	9.8	*	0.5	2.4			
	731	07290	66.6	62.2	81	60.1	9.8		0.7	1.6			
	741	07291	66.6	61.6	74	57.8	10.0		0.8	1.9			
	824	07292	67.1	61.2	68	57.2	9.9		0.9	1.7			
	939	07293	67.9	60.2	66	56.0	10.3		0.8	2.1			
	1012	07294	68.0	60.1	65	55.9	10.3		1.0	2.4			
	1001	07295	68.2	60.3	65	55.9	11.0	*	1.1	1.9	2.4	4.6	0.7
	1012	07300	67.6	60.3	66	56.3	10.8		1.1	2.4			
	1043	07301	68.7	60.2	64	55.5	10.7		1.1	2.3			
	1106	07302	69.3	60.1	59	55.0	10.0		1.2	1.6			
	1220	07303	69.6	59.1	53	51.8	9.2		1.9	1.3			
	1251	07304	69.9	59.0	52	51.5	8.6		2.1	3.4			
	1293	07305	69.8	58.9	52	51.5	9.1		1.8	1.4			
	1345	07310	70.0	58.7	52	51.2	11.1		1.2	0.8			
	1387	07311	70.0	58.4	51	51.0	11.4		1.0	0.9			
	1439	07312	70.5	58.7	51	50.8	11.4		0.9	0.9			
	1501	07313	70.5	58.7	51	50.8	11.3		0.9	0.7			
	1543	07314	71.9	58.2	45	49.3	10.9		0.8	1.3			
	1543	07315	72.2	58.3	45	49.1	11.2	*	0.8	1.5	1.4	2.0	0.2
	1553	07320	72.1	58.3	45	49.2	11.3		0.9	1.3			
	1595	07321	72.3	58.4	45	49.1	11.3		1.1	1.2			
	1657	07322	71.9	58.2	45	49.3	12.1		1.2	1.9			
	1793	07323	71.4	57.9	41	47.0	13.2		1.2	1.1			
	1834	07324	71.4	57.6	41	46.7	15.4		1.3	0.6			
	1855	07325	71.4	57.6	41	46.7	16.1		1.5	0.9			
	1876	07330	71.3	57.5	41	46.4	11.9		1.1	2.9			
	1907	07331	71.8	57.4	40	46.1	11.3		1.3	2.3			
	1949	07332	72.1	57.0	39	45.5	11.6		1.3	2.1			
	1939	07333	72.3	56.9	39	45.2	11.7	*	1.3	1.3			
	2022	07334	71.7	57.0	40	45.9	11.3		1.3	1.3			
	2084	07335	71.6	56.8	40	45.8	11.3		1.5	1.4			
	2157	07340	71.5	56.7	40	45.8	10.3		2.1	0.9			
	2157	07341	72.3	56.5	38	44.8	9.8		2.3	1.4			
	2230	07342	73.2	56.2	31	40.8	9.7		2.0	1.1			
	2345	07343	73.0	56.4	35	44.0	10.6		2.1	0.8			
	2397	07344	72.8	56.4	35	44.2	12.8		1.5	0.7			
	2438	07345	73.2	56.6	35	44.0	12.2	*	1.6	0.9			
	2449	07350	73.2	56.7	35	44.1	12.4		1.5	0.9			
	2459	07351	73.3	56.7	35	44.0	12.2		1.5	1.0			
	2501	07352	73.1	56.6	35	44.1	13.4		1.6	0.7			
	2678	07353	71.9	56.4	39	45.1	15.7		2.0	0.3			
	2740	07354	71.7	56.1	35	42.3	18.3		2.0	0.4			
	2792	07355	71.6	56.0	35	42.3	17.4		2.1	0.7			
	2897	07360	71.6	55.4	34	41.7	12.9		2.0	1.4			
	2938	07361	71.7	55.1	33	41.2	12.6		1.9	1.1			
	2907	07362	72.3	55.1	32	40.6	12.8	*	1.9	0.8			
	2907	07363	72.3	55.3	33	40.8	12.6		1.8	1.7			
	2907	07364	72.3	55.2	33	40.7	12.1		2.1	1.0			
	2876	07365	72.6	55.3	30	40.4	12.6		2.0	1.1			
	2897	07370	72.5	55.3	31	40.6	14.4		1.8	0.4			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-068
AIRCRAFT DATA FLIGHT NUMBER 11 DATA DATE 10/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	2897	07371	72.5	55.3	31	40.6	14.1		1.9	5.7			
	2897	07372	72.6	55.3	30	40.4	14.3		1.9	5.5			
SPECIAL	2897	07373	72.5	55.3	31	40.6	14.6		1.9	5.7			
	2928	07380	71.9	56.1	34	42.1	13.9		2.1	5.7			
HAWTHORNE	2865	07440	71.7	56.2	35	42.4	11.3		3.3	5.5			
	2886	07441	72.0	56.4	39	45.0	11.1		3.9	5.1			
	2928	07442	71.9	56.4	39	45.1	12.9		2.6	5.8			
	2897	07443	71.9	56.5	39	45.2	14.7	*	2.1	6.1			
	2907	07444	71.8	56.5	39	45.3	14.7		2.5	5.6			
	2813	07445	71.9	56.4	39	45.1	18.9		2.3	5.2			
	2772	07450	71.6	56.5	39	45.5	22.0		2.4	5.1			
	2667	07451	71.8	56.6	39	45.4	17.9		2.4	5.7			
	2584	07452	72.3	56.7	39	45.0	13.3		2.4	4.5			
	2511	07453	72.0	56.8	39	45.4	13.5		2.0	5.6			
	2480	07454	71.9	56.9	39	45.6	11.1		3.1	5.1			
	2418	07455	71.7	57.2	40	46.1	14.2	*	1.9	4.8			
	2418	07460	71.4	57.3	41	46.4	10.5		3.0	5.5			
	2303	07461	71.6	57.3	40	46.2	11.4		2.4	7.7			
	2188	07462	72.1	57.2	39	45.7	13.6		1.7	4.6			
	2147	07463	72.1	57.3	40	45.8	13.9		1.7	5.0			
	2116	07464	71.9	57.3	40	46.0	18.9		2.0	5.7			
	2001	07465	72.3	57.4	39	45.7	19.0		1.7	5.1			
	1959	07470	72.3	57.5	40	45.8	14.8	*	1.6	5.8			
	1959	07471	71.9	57.4	40	46.1	14.0		1.6	6.3			
	1959	07472	71.7	57.4	40	46.2	13.6		2.1	5.4			
	1907	07473	72.1	57.5	40	46.0	12.2		2.2	5.6			
	1834	07474	71.6	57.7	41	46.6	13.7		1.8	4.9			
	1803	07475	71.3	57.5	41	46.7	10.9		2.8	5.4			
	1782	07480	71.4	57.3	41	46.4	10.7		2.7	5.6			
	1647	07481	70.7	56.7	41	46.5	12.1		2.1	7.6			
	1585	07482	70.9	56.8	41	46.4	13.8		1.5	5.9			
	1532	07483	71.0	57.1	41	46.6	13.9		1.5	6.2			
	1522	07484	70.9	57.1	41	46.7	13.9	*	1.5	6.9			
	1418	07485	70.7	57.0	41	46.8	22.1		1.9	11.0			
	1324	07490	70.9	57.2	41	46.8	16.4		2.3	5.9			
	1251	07491	70.2	57.6	45	47.8	11.4		2.6	5.5			
	1251	07492	70.2	57.7	46	47.9	13.9		1.4	6.0			
	1355	07493	70.3	57.0	44	47.1	13.8		1.5	5.8			
	1491	07494	56.0	56.3	100	57.4	7.2		0.0	30.3			
	1532	07495	70.2	56.2	39	43.9	13.0		1.5	7.0			
	1595	07500	70.2	56.4	44	46.7	11.2		2.6	6.7			
	1595	07501	70.4	56.4	43	46.5	10.6		2.6	6.3			
	1605	07502	70.2	56.5	44	46.8	12.8		2.2	6.3			
	1595	07503	70.4	56.5	43	46.6	14.4		1.4	6.9			
	1595	07504	70.9	56.5	40	46.1	12.2		1.9	7.3			
	1480	07505	70.9	56.7	40	46.3	16.4		2.1	6.8			
	1283	07510	70.6	57.2	44	47.1	13.6		1.5	5.4			
	1106	07511	69.1	58.4	53	51.7	17.9		1.4	3.8			
	1001	07512	69.2	59.3	54	52.3	15.0		1.3	2.2			
	1001	07513	69.0	59.2	54	52.4	17.4		1.6	2.2			
	970	07514	67.9	59.9	65	55.8	14.0	*	1.3	2.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-069
AIRCRAFT DATA FLIGHT NUMBER 11 DATA DATE 10/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	856	07515	67.7	60.3	66	56.2	14.9		0.9	4.2			
	772	07520	67.7	61.3	68	56.9	15.3		1.1	3.1			
	658	07521	64.9	62.2	89	61.1	11.9		1.4	3.5			
	606	07522	63.2	63.2	100	62.6	9.7		2.4	1.5			
	365	07523	63.3	63.5	100	64.5	10.4		1.7	1.2			
	237	07524	63.6	63.7	100	64.5	11.6		0.8	1.2			
	126	07525	64.2	63.9	99	64.2	11.8		0.7	0.7			
	86	07530	64.8	64.2	99	64.1	12.3		0.6	0.6			
	79	07531	64.3	64.4	100	64.5	12.1	*	0.3	0.6			
	86	07532	64.0	65.1	100	65.0	12.3		0.2	0.8			
	86	07533	64.4	65.5	100	66.7	11.6		0.5	0.7			
	637	08025	64.7	62.4	90	61.3	16.3	*	0.9	1.2			
	762	08030	65.1	62.2	89	61.0	15.6		1.3	1.0			
	856	08031	67.1	60.2	67	56.5	15.5		1.4	1.7			
	991	08032	67.2	60.2	67	56.5	16.0		1.4	1.9			
	1085	08033	66.5	60.1	72	56.9	15.3		1.6	1.9			
	1230	08034	66.6	58.9	65	53.9	15.4		1.7	1.5			
	1314	08035	69.8	57.0	45	47.6	16.0		1.8	3.1			
	1387	08040	70.4	56.4	43	46.5	16.3		1.8	4.5			
	1491	08041	70.5	56.1	39	43.5	17.4		1.9	4.9			
	1543	08042	70.5	55.9	38	43.3	16.8		2.0	5.2			
	1522	08043	71.0	56.1	36	43.0	16.4	*	2.0	5.4			
	1564	08044	70.7	56.1	36	43.3	14.9		2.2	6.0			
	1709	08045	71.0	56.4	40	46.0	14.1		2.3	6.3			
	1793	08050	70.9	56.4	40	46.1	13.7		2.7	5.7			
	1887	08051	71.2	57.1	41	46.4	13.4		2.8	5.4			
	1959	08052	71.3	57.1	40	46.3	14.5		2.6	4.6			
	2032	08053	71.5	57.2	40	46.2	16.7		2.1	4.7			
	1991	08054	71.9	57.3	40	46.0	17.2	*	2.0	5.2			
	2032	08055	72.5	57.3	37	45.4	17.0		2.0	6.1			
	2188	08060	72.0	57.1	39	45.7	22.8		2.2	5.7			
	2345	08061	71.6	57.2	40	46.1	25.9		2.6	4.2			
	2376	08062	71.6	57.3	40	46.2	17.7		2.6	4.8			
	2449	08063	71.6	57.0	40	46.0	15.0		2.7	5.5			
	2407	08064	72.8	57.1	36	44.9	17.4		2.3	5.1			
	2511	08065	71.9	57.0	39	45.7	14.5		3.0	5.0			
	2657	08070	71.9	56.6	39	45.3	13.9		3.5	4.9			
	2740	08071	72.1	56.4	38	44.9	15.3		3.4	4.5			
	2834	08072	72.3	56.4	38	44.7	17.6		3.0	4.9			
	2917	08073	72.0	56.4	39	45.0	20.9		2.9	5.1			
	2949	08074	72.3	56.3	38	44.6	18.8		2.7	4.8			
	2980	08075	72.6	56.4	35	44.4	20.3	*	2.7	5.1			
	2917	08140	72.2	55.3	33	40.9	20.8		2.9	5.4			
COMMERCE	2813	08161	72.3	54.7	32	40.1	18.4		2.7	6.2			
	2667	08162	72.8	55.3	30	40.2	18.1		2.6	6.4			
	2574	08163	73.2	55.5	30	40.0	18.5		2.5	6.4			
	2490	08164	73.2	56.3	35	43.7	18.4		2.4	7.1			
	2407	08165	72.8	55.8	31	40.8	19.2		2.4	7.1			
	2355	08170	72.7	55.3	30	40.3	19.7		2.3	7.1			
	2345	08171	72.3	55.3	33	40.8	19.4	*	2.4	7.2			
	2293	08172	72.8	55.4	30	40.3	23.6		2.6	7.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-070
AIRCRAFT DATA FLIGHT NUMBER 11 DATA DATE 10/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	2230	08173	66.7	55.5	49	46.6	0.0		0.0	98.8			
	2136	08174	72.1	56.0	34	41.8	26.0		2.7	7.3			
	2074	08175	71.6	56.3	39	45.3	21.1		2.8	7.9			
	1907	08180	71.5	57.0	40	46.1	18.6		1.9	7.4			
	1907	08181	71.0	57.0	41	46.5	18.8	*	2.1	6.5			
	1793	08182	71.2	57.1	41	46.4	20.7		2.1	6.5			
	1668	08183	71.7	57.3	40	46.1	0.0		0.0	18.6			
	1553	08184	72.0	56.6	39	45.2	19.4		1.9	6.9			
	1470	08185	72.4	56.4	38	44.6	19.5		1.8	7.4			
	1418	08190	72.4	56.0	34	41.4	18.5	*	1.7	7.5			
	1324	08191	72.6	56.0	31	41.2	19.8		1.9	8.4			
	1230	08192	72.5	56.4	36	44.5	15.3		2.9	8.6			
	1158	08193	71.3	57.5	41	46.7	11.8		4.4	7.7			
	1043	08194	71.0	59.3	48	50.9	13.7		3.3	4.9			
	1012	08195	70.5	59.7	52	51.6	18.2		1.7	4.4			
	1001	08200	70.2	59.6	53	51.8	18.7	*	1.5	5.0			
	981	08201	70.1	59.9	58	54.3	17.9		1.5	5.2			
	918	08202	69.8	60.4	59	54.8	17.9		1.5	4.7			
	835	08203	69.6	60.5	59	55.1	24.3		2.3	5.6			
	699	08204	68.9	61.1	61	55.9	26.0		2.3	5.0			
	647	08205	68.4	62.9	74	59.4	16.6	*	1.0	6.0	16.8	24.0	10.3
	710	08210	67.5	62.8	75	59.9	17.1		1.5	5.3			
	720	08211	67.5	62.7	75	59.9	17.8		1.4	4.7			
	772	08212	67.3	62.2	75	59.7	15.6		1.7	4.3			
	949	08213	67.6	60.2	66	56.2	13.6		2.9	5.0			
	949	08214	68.4	60.0	64	55.5	12.7		3.1	5.6			
	1001	08215	69.2	59.9	59	54.9	17.6		2.3	4.6			
	991	08220	70.3	59.9	58	54.1	18.8	*	1.4	4.5			
	1116	08221	70.7	59.1	48	51.0	20.3		1.2	3.9			
	1178	08222	71.2	57.3	41	46.6	19.4		1.5	5.5			
	1230	08223	71.5	57.3	40	46.3	20.0		1.6	5.9			
	1335	08224	71.4	56.2	35	42.7	20.9		1.6	7.1			
	1418	08225	71.3	56.1	35	42.7	23.4		2.1	7.0			
	1460	08230	71.4	56.2	35	42.7	30.8		2.1	6.4			
	1512	08231	71.3	56.5	40	45.8	25.3		2.6	6.8			
	1460	08232	72.1	56.4	38	44.9	19.8	*	2.1	7.4			
	1522	08233	71.8	56.3	39	45.1	17.6		1.9	8.3			
	1647	08234	70.9	56.7	40	46.3	18.2		2.0	7.7			
	1699	08235	70.7	57.0	41	46.8	19.1		1.8	8.1			
	1730	08240	71.0	57.5	41	47.0	18.8		2.1	7.0			
	1793	08241	70.9	57.5	42	47.1	18.9		2.2	6.1			
	1845	08242	70.7	57.4	42	47.1	17.1		2.7	5.5			
	1897	08243	70.9	56.4	40	46.1	14.2		3.9	5.9			
	1928	08244	71.2	55.8	35	42.5	14.5		3.5	6.7			
	1991	08245	71.6	55.9	35	42.2	17.5		3.0	6.7			
	2001	08250	71.7	55.9	34	42.1	20.0	*	2.2	6.7			
	2032	08251	71.8	55.9	34	42.0	21.7		2.2	7.5			
	2157	08252	71.9	55.8	34	41.8	21.5		2.1	7.5			
	2230	08253	64.8	55.5	56	48.3	40.0		0.0	18.6			
	2272	08254	72.3	55.5	33	41.0	30.2		2.6	6.9			
	2324	08255	72.4	55.7	33	41.1	29.7		2.6	7.1			

SCOTT RESEARCH LABORATORIES CPA70-6114211138R043 RUN DATE 02/04/70-071
AIRCRAFT DATA FLIGHT NUMBER 11 DATA DATE 10/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	2355	08260	72.6	56.0	31	41.2	23.7		2.7	8.3			
	2313	08261	73.1	55.5	30	40.1	20.7	*	2.3	7.4			
	2376	08262	73.1	55.6	30	40.2	18.7		2.5	8.1			
	2511	08263	72.7	55.5	31	40.6	17.9		3.0	7.5			
	2543	08264	72.6	55.3	30	40.4	17.7		3.3	7.3			
	2595	08265	72.3	55.1	32	40.6	17.2		3.5	7.6			
	2720	08270	72.0	54.9	33	40.7	17.7		3.5	7.5			
	2782	08271	72.1	54.8	32	40.4	19.1		3.4	6.7			
	2855	08272	72.1	54.8	32	40.4	21.6		3.1	6.5			
	2865	08273	72.3	54.8	32	40.2	21.9	*	2.8	6.2			
	2907	08274	72.6	54.9	30	40.0	22.3		2.8	6.0			
	2949	08275	72.4	55.1	32	40.4	21.7		2.9	5.9			
	2990	08280	72.3	55.0	32	40.4	22.0		3.1	5.9			
	3032	08290	72.2	54.4	28	36.8	22.9		2.7	6.5			
EL MONTE	2574	08394	73.2	55.3	30	39.8	17.9		4.2	7.0			
	2501	08395	73.5	55.8	30	40.0	20.8		3.8	7.9			
	2376	08400	73.0	56.1	31	40.9	23.8		3.2	7.8			
	2386	08401	72.4	55.8	33	41.2	29.4		3.3	9.9			
	2334	08402	72.7	55.6	31	40.7	30.8	*	2.9	8.1			
	2313	08403	72.9	55.8	31	40.7	25.5		2.7	8.5			
	2220	08404	73.0	56.1	31	40.9	25.3		2.7	7.7			
	2126	08405	72.8	55.8	31	40.8	30.1		2.7	7.0			
	2116	08410	72.1	55.8	34	41.5	25.8		2.7	9.4			
	2084	08411	72.0	56.1	34	42.0	21.1		2.7	7.7			
	2043	08412	71.8	55.7	34	41.8	19.3		3.0	7.8			
	1980	08413	72.1	56.0	34	41.8	17.3		3.4	8.0			
	2001	08414	71.8	56.0	34	42.1	17.3		3.6	8.9			
	1907	08415	72.0	56.7	39	45.3	21.1		2.9	7.1			
	1876	08420	72.2	56.4	38	44.8	22.9	*	2.8	8.4			
	1855	08421	72.3	56.7	39	45.0	22.6		2.8	8.4			
	1803	08422	72.6	56.7	36	44.7	17.9		3.4	8.9			
	1751	08423	72.3	58.1	45	48.9	21.0		3.1	9.5			
	1699	08424	71.9	58.3	45	49.4	22.8		2.6	9.3			
	1637	08425	72.5	58.4	42	48.9	21.6		2.4	8.4			
	1543	08430	71.9	57.8	41	46.4	21.0		2.2	10.1			
	1480	08431	72.1	57.6	40	46.1	21.3		1.9	8.8			
	1470	08432	72.1	57.6	40	46.1	21.4		1.9	10.2	3.4	3.1	1.8
	1470	08433	71.5	58.4	46	49.8	21.1	*	1.8	9.1			
	1460	08434	71.9	58.4	46	49.4	22.5		1.7	9.0			
	1408	08435	72.1	58.6	46	49.4	24.8		1.6	9.5			
	1335	08440	71.6	58.2	46	49.5	27.9		1.4	7.4			
	1251	08441	72.0	58.6	46	49.5	26.3		1.3	5.7			
	1241	08442	72.0	58.6	46	49.5	24.0		1.6	6.6			
	1147	08443	71.9	58.8	46	49.8	19.0		1.8	5.5			
	1095	08444	71.6	59.0	47	50.2	16.4		2.0	6.3			
	1074	08445	71.6	58.9	47	50.1	21.2		1.3	7.5	2.3	2.7	0.4
	1064	08450	71.6	58.8	46	50.0	21.0	*	1.4	7.2			
	1053	08451	71.4	58.8	47	50.2	20.8		1.4	6.9			
	1043	08452	71.5	58.9	47	50.2	14.6		2.8	7.6			
	1001	08453	70.5	58.7	51	50.8	23.5		1.3	7.5			
	960	08454	71.6	58.7	46	49.9	26.1		1.4	8.4			

SCOTT RESEARCH LABORATORIES CPA70-6114211136R043 RUN DATE 02/04/70-072
AIRCRAFT DATA FLIGHT NUMBER 11 DATA DATE 10/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	887	08455	70.9	58.8	47	50.6	23.6	1.4	7.2			
	793	08460	71.5	59.1	47	50.3	20.2	1.1	7.6			
	710	08461	70.2	60.6	59	54.7	13.8	2.2	6.9			
	616	08462	70.4	62.2	66	57.8	18.7	0.8	4.3			
	699	08463	69.7	62.2	67	58.2	18.8	0.7	4.0			
	710	08464	70.0	62.1	66	58.0	20.9	* 1.0	3.1			
	762	08465	69.6	62.1	67	58.2	19.4	1.0	3.3	1.5	1.6	3.8
	897	08470	70.9	60.3	54	54.0	21.9	1.5	4.5			
	1043	08471	71.1	59.1	48	50.7	22.2	1.5	5.3			
	1116	08472	71.4	58.9	47	50.3	19.7	1.4	5.1			
	1178	08473	71.3	58.7	47	50.2	18.5	1.9	5.1			
	1168	08474	71.4	58.7	47	50.1	19.8	1.8	5.4			
	1178	08475	70.8	58.7	47	50.6	25.8	1.7	5.5			
	1158	08480	71.2	58.8	47	50.3	23.0	1.3	6.6			
	1147	08481	71.2	58.8	47	50.3	23.1	1.5	5.7			
	1147	08482	71.0	58.8	47	50.5	23.1	1.4	6.3			
	1137	08483	71.0	58.9	47	50.6	23.1	1.4	7.0			
	1126	08484	70.8	58.9	48	50.7	22.9	1.7	6.4			
	1158	08485	70.9	58.8	47	50.6	22.8	1.5	6.8			
	1126	08490	71.0	58.9	47	50.6	21.9	1.6	6.4			
	1106	08491	71.3	58.9	47	50.3	22.2	1.6	6.5			
	1116	08492	71.0	59.0	48	50.7	21.9	1.6	6.0			
	960	08500	70.7	59.0	48	50.9	20.5	1.9	6.5			
	835	08501	70.9	59.3	48	51.0	14.9	2.8	9.3			
	762	08502	69.4	61.4	61	55.8	19.6	1.2	5.6			
	679	08503	69.6	62.3	67	58.3	20.0	1.1	4.5			
	404	08504	69.9	62.4	67	58.2	20.5	0.9	4.0			
	349	08505	70.5	62.5	66	57.9	18.2	0.5	3.5			
	245	08510	71.4	63.2	62	57.8	17.4	0.6	3.2			
	230	08511	71.6	63.6	67	60.0	17.3	0.3	3.4			
	237	08512	70.6	65.1	75	61.4	17.2	* 0.3	2.9			
	237	08513	71.0	65.8	76	63.5	16.4	0.3	2.5			
	237	08514	70.5	66.0	82	63.9	15.9	0.2	2.4			

SCOTT RESEARCH LABORATORIES CPA70-6114211136R043 RUN DATE 02/04/70-073
AIRCRAFT DATA FLIGHT NUMBER 12 DATA DATE 10/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	257	11464	82.6	69.5	53	63.5	34.4		0.2	9.0			
	257	11465	82.9	69.0	52	63.1	34.5		0.2	7.9			
	257	11470	83.2	69.2	52	63.0	34.4		0.2	7.8			
	257	11471	83.3	68.9	49	62.8	34.5		0.3	8.3			
	257	11472	83.5	67.9	44	59.8	34.4		0.3	8.1			
	257	11473	83.1	69.1	52	63.0	34.5		0.3	8.3			
	257	11474	83.2	69.4	52	63.1	35.6		1.4	8.0			
	249	11475	84.0	68.9	48	62.4	33.8		0.4	7.7			
	595	11483	80.0	63.5	41	54.5	31.5		2.0	13.0			
	699	11484	79.5	63.2	40	52.2	32.7		1.9	12.4			
	762	11485	78.6	62.6	40	52.4	37.1		2.1	11.6			
	782	11490	78.9	62.5	39	52.1	36.3	*	2.1	11.0			
	939	11491	77.9	62.3	40	52.7	37.7		2.2	11.5			
	1043	11492	77.5	61.9	43	52.7	35.2		2.7	11.1			
	1053	11493	77.5	61.4	38	49.8	29.1		3.3	10.1			
	1084	11494	77.4	61.3	38	49.8	39.0		2.7	10.7			
	1105	11495	77.3	61.9	43	52.8	37.7	*	2.8	10.6			
	1209	11500	76.5	61.1	39	50.4	30.3		3.9	11.7			
	1241	11501	76.6	61.4	40	50.5	30.6		3.9	12.7			
	1293	11502	76.3	61.6	40	50.9	34.1		3.5	12.6			
	1366	11503	75.9	60.5	42	50.4	40.0		3.1	13.3			
	1418	11504	77.0	60.5	38	49.5	40.7		3.2	13.5			
	1480	11505	76.0	59.6	37	46.9	39.5		3.2	11.9			
	1490	11510	75.5	60.6	42	50.8	36.6		2.9	11.9			
	1501	11511	76.3	60.1	38	49.7	37.8	*	2.8	12.4			
	1615	11512	75.1	60.3	42	50.8	41.1		2.9	12.7			
	1699	11513	74.9	60.2	43	50.9	39.8		3.1	12.4			
	1782	11514	74.8	59.4	38	47.8	41.0		3.6	13.2			
	1855	11515	74.6	58.4	37	47.1	49.5		3.7	14.9			
	1907	11520	74.0	58.1	40	47.4	49.4		3.4	12.9			
	1980	11521	74.2	58.5	40	47.6	53.7		3.5	14.8			
	1969	11522	74.8	57.9	33	43.7	44.6	*	3.5	13.9			
	2074	11523	74.4	57.5	33	43.7	48.6		3.9	13.5			
	2105	11524	74.9	56.4	31	42.1	41.9		3.9	11.1			
	2178	11525	73.9	56.1	30	39.9	39.3		3.8	10.9			
	2230	11530	74.9	56.1	27	38.7	39.4		4.0	9.9			
	2251	11531	74.4	56.3	31	42.5	39.1		4.1	8.4			
	2282	11532	74.4	56.3	31	42.5	39.6		4.0	8.0			
	2344	11533	73.9	56.2	30	40.0	41.3		4.3	7.2			
	2324	11534	74.3	56.4	31	42.7	41.5	*	4.3	7.2			
	2438	11535	73.4	56.2	31	40.6	32.1		5.3	7.0			
	2563	11540	72.8	55.6	31	40.6	31.9		5.7	6.6			
	2584	11541	73.0	55.6	30	40.3	34.0		5.5	6.2			
	2657	11542	72.6	55.4	31	40.6	35.2		5.5	6.8			
	2719	11543	73.9	55.8	29	39.5	37.1		5.5	7.6			
	2803	11544	73.6	55.9	30	40.0	43.2		4.7	7.0			
	2865	11545	73.3	55.7	30	40.1	41.1		4.7	7.0			
	2855	11550	73.3	55.5	30	39.9	41.6	*	4.4	7.1			
	2886	11551	73.6	55.6	29	39.6	41.9		4.3	7.0			
	2938	11552	73.2	55.5	30	40.0	42.8		4.3	7.2			
	3021	11553	72.2	55.3	33	40.9	44.8		4.6	7.5			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	3105	11554	71.7	55.0	33	41.1	45.4		4.8	6.7			
	3188	11555	71.2	54.7	33	41.3	50.4		4.9	6.9			
	3240	11560	71.4	54.4	29	37.8	57.9		4.9	6.8			
	3292	11561	70.9	54.3	30	38.3	61.9		4.9	7.0			
	3282	11562	71.4	54.2	29	37.6	52.3		5.1	7.0			
	3240	11563	71.8	54.6	32	40.6	46.5	*	4.6	7.1			
	3146	11564	72.6	54.8	30	39.9	45.9		4.6	7.5			
	3115	11565	72.7	55.0	30	40.0	43.7		4.7	7.6			
	3115	11570	72.6	55.0	30	40.1	44.5		4.7	8.3			
	3115	11571	72.8	55.1	30	40.0	41.8		4.6	7.8			
	3177	11572	72.3	55.0	32	40.4	39.9		5.0	7.7			
	3229	11573	72.1	54.9	32	40.6	39.8		5.0	7.4			
	3313	11574	71.6	54.5	33	40.7	45.0		4.9	7.0			
	3365	11575	71.6	54.3	29	37.4	46.9		4.8	6.9			
	3427	11580	71.4	54.1	29	37.4	45.0		4.9	6.7			
	3479	11581	71.4	53.4	28	36.5	44.5		5.0	7.2			
	3542	11582	70.7	53.5	29	37.6	46.2		5.0	6.8			
	3584	11583	71.0	53.3	28	36.9	45.2		5.0	7.1			
	3646	11584	70.3	52.6	26	33.7	43.4		2.7	18.7			
	3677	11585	71.6	52.3	23	31.3	45.1		5.0	7.2			
	3719	11590	71.9	52.1	22	30.6	51.3		5.0	7.1			
	3740	11591	71.6	52.1	22	31.0	49.9		5.0	7.2			
	3761	11592	71.2	52.4	23	32.1	40.1		5.3	7.0			
	3719	11593	72.3	52.1	21	29.9	49.3		5.0	6.9			
	3708	11594	71.9	52.4	22	31.0	48.5		5.0	6.8			
	3698	11595	72.6	52.3	20	29.7	48.4		5.1	6.7			
COMMERCE	2969	12034	74.4	55.4	27	38.5	36.3		5.2	6.1			
	2959	12035	73.4	55.5	30	39.8	45.8		4.5	5.6			
	2990	12040	72.4	55.3	33	40.7	43.6	*	4.5	5.7			
	2927	12041	72.5	55.2	30	40.4	47.2		4.8	5.9			
	2792	12042	72.6	55.3	30	40.4	57.3		4.8	6.1			
	2688	12043	72.7	55.6	31	40.7	47.0		4.5	6.2			
	2636	12044	73.0	55.8	31	40.6	46.9		2.5	14.4			
	2584	12045	73.2	55.9	30	40.4	48.5		4.4	7.0			
	2511	12050	72.9	56.0	31	40.9	46.6	*	4.6	7.5			
	2501	12051	73.3	56.0	30	40.4	46.5		4.3	9.0			
	2438	12052	73.6	57.0	35	44.0	53.6		4.9	7.9			
	2355	12053	72.6	58.4	42	48.9	36.2		4.6	9.1			
	2251	12054	72.1	58.2	45	49.1	24.5		5.9	10.6			
	2167	12055	73.1	59.8	43	49.6	43.3		3.4	11.5			
	2136	12060	74.0	59.0	41	48.2	46.3		3.4	8.8			
	2063	12061	73.2	59.9	47	52.0	41.5		3.3	10.1			
	2022	12062	72.7	60.8	49	53.1	40.8	*	3.2	10.8			
	1938	12063	74.5	59.0	38	47.7	43.8		3.0	10.2			
	1834	12064	73.9	60.1	46	51.6	41.4		3.2	10.2			
	1761	12065	74.3	61.2	45	52.2	29.0		3.3	10.7			
	1720	12070	74.9	61.4	44	51.9	28.4		4.1	10.9			
	1574	12071	75.1	62.4	49	54.8	30.4		3.8	11.3			
	1511	12072	76.2	61.6	40	51.0	38.8	*	2.8	9.1			
	1553	12073	75.0	61.7	48	54.4	38.5		2.9	8.6			
	1490	12074	76.0	60.8	42	50.5	47.1		3.1	8.1			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	1355	12075	76.8	61.6	40	50.5	37.9		2.5	7.6			
	1303	12080	76.7	62.3	44	53.6	41.5		2.5	6.9			
	1188	12081	77.9	61.4	36	49.5	43.4		2.3	6.1			
	1095	12082	79.2	62.2	39	51.6	37.0	*	1.9	6.0			
	1084	12083	78.6	61.6	35	49.1	52.2		2.1	7.9			
	1011	12084	78.6	62.3	40	52.2	33.7		2.4	3.8			
	907	12085	79.4	62.8	39	52.0	21.8		3.1	4.5			
	814	12090	80.6	63.3	36	51.4	34.4		1.3	6.4	1.7	4.0	1.9
	793	12091	80.2	63.3	37	51.7	40.9	*	1.4	5.3			
	793	12092	80.0	63.6	41	54.6	39.0		2.1	1.5			
	803	12093	79.8	63.5	41	54.6	36.2		2.1	1.6			
	939	12094	78.8	63.7	45	55.5	36.6		2.3	1.2			
	1022	12095	78.1	63.9	46	56.1	36.1		2.3	1.6			
	1053	12100	77.6	63.7	49	56.3	38.0		2.2	0.9			
	1105	12101	77.7	64.4	50	56.7	36.9		2.4	1.1	1.6	3.8	2.4
	1116	12102	77.4	63.9	49	56.5	37.3		2.4	0.8			
	1136	12103	77.3	64.4	50	56.9	30.3		2.7	1.6			
	1293	12104	76.0	64.8	55	58.0	29.9		2.8	2.2			
	1334	12105	75.8	64.3	55	57.8	31.0		2.8	22.5			
	1459	12110	75.5	63.9	55	57.8	38.5		2.9	12.8			
	1501	12111	75.6	61.9	48	54.1	45.2		3.0	9.7			
	1595	12112	74.6	61.9	49	54.8	44.2		2.9	9.8			
	1553	12113	75.6	62.2	48	54.3	40.3		2.7	9.5			
	1574	12114	76.0	61.6	43	51.2	42.5		2.6	10.5			
	1626	12115	75.1	61.8	48	54.4	40.5	*	2.6	9.4	1.8	3.0	1.8
	1761	12120	74.1	61.1	48	52.2	44.4		2.8	8.6			
	1803	12121	74.0	60.2	46	51.6	43.3		3.1	8.5			
	1834	12122	73.6	60.9	48	52.5	41.8		3.1	9.4			
	1938	12123	74.3	58.6	38	47.6	43.6		3.1	9.7			
	2001	12124	73.1	59.9	47	52.1	44.1		3.1	9.7			
	1990	12125	73.5	59.1	42	48.7	44.3	*	3.2	8.6			
	2115	12130	72.9	60.2	48	52.5	52.7		3.6	9.3			
	2167	12131	72.9	60.3	48	52.5	48.5		3.8	8.4			
	2178	12132	72.6	60.4	49	52.8	34.9		4.0	7.8			
	2334	12133	71.1	61.1	55	54.4	32.5		4.6	9.1			
	2396	12134	73.2	56.8	35	44.2	33.2		4.4	8.6			
	2428	12135	73.3	56.4	35	43.7	43.0		3.7	8.0			
	2490	12140	73.9	56.4	34	43.1	42.9		3.7	6.4			
	2501	12141	73.4	56.5	35	43.7	43.9	*	3.5	7.2			
	2573	12142	73.0	56.1	31	40.9	44.0		3.3	6.6			
	2678	12143	72.3	55.8	33	41.3	43.6		3.4	6.5			
	2730	12144	73.3	55.6	30	40.0	37.8		3.7	6.4			
	2834	12145	72.9	55.5	30	40.3	36.3		4.0	6.1			
	2875	12150	72.8	55.4	30	40.3	39.1		4.2	5.8			
	2969	12151	72.8	55.3	30	40.2	40.8		4.3	5.4			
	3042	12152	73.1	55.4	30	40.0	51.0		4.3	5.4			
	3052	12153	72.5	55.3	31	40.6	44.7	*	3.9	5.5			
	3063	12154	72.4	55.1	32	40.4	44.8		4.1	5.2			
	3125	12155	73.1	55.3	30	39.9	59.1		4.4	5.4			
	3188	12160	73.0	55.1	30	39.8	56.0		4.3	5.2			
	3209	12161	73.1	55.2	30	39.8	43.3		4.5	5.3			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	3302	12162	72.5	55.2	30	40.4	33.1		4.9	5.5			
	3375	12163	72.3	55.0	32	40.4	31.0		5.0	5.8			
	3459	12164	72.0	54.7	32	40.4	43.6		4.0	7.3			
	3531	12165	71.7	54.0	28	36.9	44.2		4.1	5.9			
	3521	12170	72.1	54.2	28	36.7	43.9	*	4.1	5.6			
	3531	12171	72.3	53.9	27	36.0	44.9		4.1	4.7			
HAWTHORNE	3063	12224	73.9	55.2	29	38.8	46.0		3.7	5.1			
	3052	12225	74.0	55.7	29	39.3	47.1		3.6	6.0			
	3042	12230	74.2	55.7	29	39.1	45.4		3.7	5.7			
	3042	12231	74.7	55.8	27	38.6	46.6		3.7	5.5			
	3000	12232	74.9	56.0	27	38.6	47.1		3.7	5.6			
	3021	12233	74.3	55.8	27	39.1	45.4		3.8	6.3			
	3011	12234	73.7	55.7	29	39.6	47.7	*	3.8	5.9			
	2969	12235	73.2	55.6	30	40.1	45.8		3.7	5.6			
	2886	12240	73.3	55.6	30	40.0	58.0		4.0	5.6			
	2750	12241	74.0	55.8	29	39.4	46.4		4.3	4.6			
	2678	12242	74.3	55.8	27	39.1	36.4		4.4	4.4			
	2594	12243	74.6	55.9	27	38.8	29.9		4.5	5.0			
	2480	12244	75.6	56.3	30	41.2	39.4		3.4	5.2			
	2459	12245	75.7	56.5	30	41.3	42.3	*	3.4	5.5			
	2386	12250	74.7	56.4	31	42.3	35.2		3.5	6.1			
	2334	12251	74.5	56.5	31	42.6	33.6		3.7	6.5			
	2251	12252	74.8	56.5	31	42.3	33.8		3.7	5.8			
	2188	12253	74.6	56.9	32	42.9	37.0		3.5	5.2			
	2105	12254	75.0	57.3	32	42.9	40.8		3.4	5.1			
	2094	12255	74.7	57.3	32	43.2	52.5		3.4	5.4			
	2074	12260	74.2	56.8	34	43.2	42.9	*	3.1	6.5			
	1959	12261	74.8	56.9	31	42.7	57.8		3.3	6.8			
	1855	12262	75.7	57.4	31	42.3	46.8		2.8	5.6			
	1813	12263	73.4	58.9	42	48.6	51.9		3.5	6.9			
	1730	12264	74.4	58.1	37	47.0	38.9		3.6	7.5			
	1657	12265	74.1	58.4	40	47.6	33.7		3.5	7.0			
	1595	12270	72.6	60.2	48	52.7	31.8		3.5	8.1			
	1543	12271	72.5	61.0	49	53.4	37.0		2.8	8.9			
	1543	12272	72.1	60.5	52	53.3	40.0	*	2.6	9.7			
	1459	12273	72.6	60.8	49	53.1	39.4		2.5	9.7			
	1407	12274	72.3	61.3	53	53.7	29.3		3.2	8.7			
	1334	12275	72.2	61.9	59	56.4	28.6		3.3	9.2			
	1293	12280	72.7	62.3	55	56.3	40.7		3.1	8.2			
	1178	12281	73.7	62.7	54	56.0	43.1		2.2	7.6			
	1157	12282	73.8	63.1	55	56.1	39.3		1.9	7.5			
	1105	12283	73.8	63.0	55	56.1	26.8		2.5	10.1			
	1105	12284	73.9	63.1	55	56.1	35.8	*	2.1	9.1			
	1095	12285	72.5	64.0	62	59.7	35.5		2.1	9.1			
	1095	12290	72.7	64.1	62	59.6	35.3		2.3	9.6			
	1053	12291	72.7	64.5	63	59.9	35.9		2.3	9.8			
	1053	12292	73.1	64.5	62	59.6	33.7		2.9	11.2			
	1032	12293	73.2	64.5	62	59.6	43.3		2.7	9.7			
	1011	12294	74.0	64.5	61	59.1	38.1		2.2	11.5			
	980	12295	73.3	65.1	63	59.9	36.9		2.3	9.3			
	814	12300	73.9	65.7	67	61.9	28.6		2.3	8.9			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	741	12301	74.6	66.0	63	61.7	27.8	2.2	9.1			
	637	12302	76.2	65.2	52	58.1	32.4	1.2	8.8			
	360	12303	75.6	66.6	62	61.5	46.5	1.9	7.6			
	265	12304	75.3	67.2	68	64.0	29.8	1.1	5.9			
	162	12305	75.5	67.3	68	64.0	33.9	1.3	4.6			
	98	12310	75.7	67.9	69	64.2	32.0	1.0	5.3			
	106	12311	74.7	68.9	76	67.1	33.9	* 0.8	3.6			
	106	12312	75.2	69.6	76	67.2	34.2	0.7	2.1			
	114	12313	75.4	70.5	77	67.6	30.8	0.3	2.1			
	114	12314	75.8	70.0	76	67.1	34.9	0.3	2.0			
	114	12315	76.0	70.3	76	67.2	34.7	0.3	1.8			
	114	12320	75.5	70.7	83	69.5	34.4	0.3	1.5			
	114	12321	75.1	71.1	84	69.9	34.3	0.3	1.5			
	114	12322	74.6	71.5	85	70.3	34.0	0.3	1.2			
	114	12323	75.0	71.8	85	70.2	34.3	0.3	1.3			
	106	12324	76.9	71.7	77	69.4	34.3	0.3	1.1			
	106	12325	76.0	71.2	83	69.5	34.1	0.3	0.9			
	114	12330	51.8	71.0	100	78.8	0.0	0.0	76.3			
	114	12331	76.5	71.3	77	69.4	32.6	0.4	0.8			
	114	12332	76.7	71.5	77	69.4	32.8	0.4	0.8			
	114	12333	76.8	71.5	77	69.3	32.8	0.4	0.7			
	114	12334	77.0	71.5	77	69.2	32.7	0.5	0.8			
	114	12335	76.0	71.3	83	69.6	32.8	0.5	0.9			
	106	12340	76.0	71.5	83	69.7	33.0	0.9	0.9			
	98	12341	76.5	69.6	70	66.6	33.1	1.0	0.8			
	146	12342	74.9	68.0	70	64.6	32.4	1.8	1.8			
	217	12343	74.4	67.4	70	64.6	34.7	1.6	1.7			
	305	12344	74.2	67.1	74	64.5	34.7	1.6	1.8			
	368	12345	72.5	66.6	70	63.2	35.0	1.4	2.9			
	626	12350	72.1	66.3	75	63.2	39.2	1.7	2.5			
	668	12351	71.7	65.9	75	63.2	30.5	2.3	1.9			
	689	12352	71.3	66.1	76	63.5	32.8	* 1.8	1.0			
	855	12353	72.4	65.4	73	62.6	31.0	2.1	1.4			
	1563	12364	71.2	61.6	55	54.7	34.4	3.1	7.1			
	1615	12365	72.2	60.5	52	53.2	31.0	3.4	6.7			
	1647	12370	73.1	59.0	42	48.9	39.5	* 2.9	6.5			
	1720	12371	74.8	58.2	36	46.8	33.9	3.2	6.7			
	1824	12372	74.7	56.7	31	42.6	38.9	3.0	6.5			
	1834	12373	74.9	57.2	32	42.9	42.3	3.0	6.3			
	1865	12374	74.3	56.7	32	43.0	41.2	3.1	6.3			
	1959	12375	74.1	56.7	34	43.2	35.2	3.5	6.1			
	2001	12380	74.2	57.0	34	43.4	37.1	3.3	5.4			
	2001	12381	74.5	56.5	31	42.6	38.5	* 3.3	5.8			
	2105	12382	73.9	56.9	34	43.6	45.0	3.7	5.5			
	2230	12383	74.4	56.4	31	42.6	51.1	3.5	4.7			
	2282	12384	74.0	56.1	30	39.8	56.5	3.7	5.4			
	2292	12385	74.8	56.4	31	42.2	48.1	3.7	4.7			
	2292	12390	75.3	56.4	30	41.7	42.5	* 3.5	4.8			
	2417	12391	74.3	56.2	28	39.5	38.3	3.8	5.7			
	2511	12392	73.4	56.0	30	40.3	35.3	3.9	4.6			
	2626	12393	73.0	55.9	31	40.7	32.5	4.0	4.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-078
AIRCRAFT DATA FLIGHT NUMBER 12 DATA DATE 10/01/69

LOCATION	ALT	TIME	TMPDR	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	2709	12394	72.3	55.6	33	41.1	32.4	4.1	4.7			
	2813	12395	72.0	55.4	33	41.2	31.2	4.3	4.9			
	2823	12400	73.1	55.6	30	40.2	42.3	* 3.7	5.5			
	2782	12401	74.0	55.8	29	39.4	42.3	3.5	6.3			
	2803	12402	74.3	55.8	27	39.1	41.4	3.7	6.8			
	2761	12483	73.8	56.1	30	40.0	40.1	4.1	5.7			
	2740	12493	74.2	56.0	29	39.4	42.3	3.8	6.2			
	2813	12503	74.3	56.1	28	39.4	41.4	3.6	5.9			
	2792	12513	73.7	55.9	30	39.9	39.5	3.3	7.0			
	2823	12523	73.5	55.8	30	40.0	41.8	3.3	5.9			
	2740	12533	74.0	55.8	29	39.4	41.8	2.9	6.7			
	2823	12543	73.4	55.6	30	39.9	40.5	3.2	5.7			
	2782	12553	73.8	55.7	29	39.5	39.5	3.0	6.1			
	2813	12563	73.8	55.8	29	39.6	41.6	3.0	6.2			
EL MONTE	2865	12573	73.3	55.8	30	40.2	32.2	3.3	6.6			
	2688	12583	73.6	56.1	30	40.2	42.9	2.2	8.2			
	2365	12593	74.2	57.1	34	43.5	36.6	2.7	8.7			
	2001	13003	75.6	57.8	31	42.8	23.9	3.5	8.7			
	1845	13013	75.5	60.2	42	50.4	39.6	2.7	10.8			
	1480	13023	78.4	60.8	35	48.5	39.8	2.1	12.1	0.9	1.9	1.2
	1209	13033	80.0	62.0	36	50.9	32.5	1.4	13.8			
	1074	13043	79.7	61.9	36	51.0	34.6	1.4	12.3	1.3	2.0	1.2
	918	13053	81.1	61.8	34	49.8	44.7	1.4	10.6			
	762	13063	82.0	63.3	33	50.3	28.8	1.2	13.6	1.3	2.1	0.9
	1188	13073	79.7	62.4	36	51.4	31.3	1.3	15.1			
	1011	13083	80.0	62.4	36	51.2	32.5	1.5	12.8			
	297	13093	85.1	64.4	30	51.4	29.6	0.7	10.8			

SCOTT RESEARCH LABORATORIES CPA70-6114211135R043 RUN DATE 02/04/70-079
AIRCRAFT DATA FLIGHT NUMBER 13 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	237	09561	63.1	59.0	80	56.4	21.5		0.1	1.2			
	245	09562	63.3	59.0	80	56.3	20.6		0.1	1.5			
	245	09563	62.7	59.1	81	56.7	20.6		0.1	1.3			
	245	09564	63.1	59.0	80	56.4	20.7		0.1	1.4			
	245	09565	63.1	58.9	80	56.3	21.1		0.1	1.4			
	245	09570	62.5	58.7	81	56.6	20.6		0.2	1.1			
	245	09571	62.6	59.5	82	57.0	20.4		0.0	1.4			
	237	09572	61.9	58.8	82	57.0	20.3		0.2	1.5			
	213	09573	62.7	58.7	80	56.5	21.6	*	0.3	1.9			
	237	09574	63.3	57.9	72	53.5	20.6		0.9	3.1			
	411	09575	62.6	57.1	72	53.4	20.3		0.9	4.3			
	515	09580	61.2	56.6	79	54.1	19.3		0.9	3.7			
	554	09581	61.0	56.3	78	54.0	17.9		0.9	4.2			
	634	09582	60.6	56.2	73	52.2	17.9		1.1	3.7			
	689	09583	60.3	55.9	73	52.2	19.2		1.1	3.8			
	682	09584	61.3	56.1	72	51.6	19.9		1.1	3.5			
	748	09585	60.5	55.7	73	51.9	28.5	*	1.6	3.5			
	884	09590	59.0	55.1	79	52.6	27.2		1.9	3.5			
	842	09591	60.1	55.2	72	51.9	22.1	*	1.3	2.6			
	842	09592	60.0	55.1	72	51.9	21.0		1.4	3.6			
	936	09593	59.2	54.8	78	52.2	17.9		2.6	3.7			
	977	09594	58.6	54.8	80	52.7	19.5		1.5	4.0			
	1082	09595	58.2	54.7	80	52.9	16.8		1.6	3.9			
	1082	10000	58.0	54.7	86	53.0	18.6		1.5	4.8			
	1217	10001	56.9	54.4	82	51.7	17.6		1.5	4.6			
	1425	10005	56.2	53.8	88	51.8	25.8		2.4	6.4			
	1446	10010	56.2	53.6	87	51.7	21.6		2.1	5.8			
	1519	10011	55.7	53.3	88	51.8	23.5		2.0	6.7			
	1561	10012	55.4	53.0	88	51.8	19.1		2.1	6.0			
	1561	10013	55.5	52.9	87	51.7	23.2		2.1	6.9			
	1675	10014	54.8	52.7	88	52.0	23.0		2.3	6.2			
	1727	10015	54.5	52.3	82	50.1	21.3		2.4	7.0			
	1779	10020	54.3	52.1	88	50.1	30.1		2.7	6.7			
	1863	10021	54.3	51.9	87	49.9	28.6	*	3.0	6.8			
	1935	10022	54.0	51.8	88	50.1	27.2		3.3	7.0			
	1946	10023	53.9	51.6	87	50.0	29.8		3.2	4.7			
	1988	10024	53.9	51.3	87	49.7	29.7		3.2	5.4			
	2071	10025	53.2	51.2	88	50.2	27.8		3.5	5.2			
	2133	10030	53.1	51.2	89	50.3	29.6		3.6	4.2			
	2227	10031	53.0	50.9	88	50.1	32.6		3.8	4.8			
	2310	10032	52.4	50.6	88	48.5	36.8		4.0	4.2			
	2237	10033	53.0	50.7	81	48.1	29.0	*	3.6	4.1			
	2290	10034	52.9	50.8	82	48.2	42.9		4.0	3.8			
	2394	10035	51.8	50.2	89	48.7	36.9		3.9	5.5			
	2435	10040	51.6	50.1	89	48.7	31.7		4.0	4.8			
	2529	10041	50.7	50.0	98	49.4	31.4		4.1	5.4			
	2571	10042	51.2	49.5	89	48.6	33.1		4.2	4.8			
	2654	10043	50.4	49.3	97	49.1	30.2		5.0	4.8			
	2706	10044	52.3	48.7	77	44.9	25.3		5.4	5.9			
	2769	10045	53.6	48.0	67	42.9	28.2		4.5	5.5			
	2727	10050	50.9	48.8	82	46.3	32.4	*	4.4	5.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-080
AIRCRAFT DATA FLIGHT NUMBER 13 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2779	10051	50.7	48.9	88	46.6	23.2		6.2	5.3			
	2966	10052	53.0	47.8	68	43.3	25.7		5.8	8.1			
	3143	10053	52.5	47.5	73	43.5	32.5		4.9	6.8			
	3185	10054	53.0	47.6	68	43.1	32.1		5.1	6.9			
	3300	10055	53.2	47.4	66	42.7	32.1		5.0	7.4			
	3352	10060	53.1	47.1	61	40.3	32.6		5.4	7.7			
	3425	10061	52.9	47.2	61	40.6	33.3		5.1	7.6			
	3497	10062	53.1	46.6	59	39.7	32.6	*	5.0	7.9			
	3487	10063	75.2	46.5	0	-30.9	31.2	*	5.1	8.6			
	3591	10065	53.8	46.0	56	38.2	35.5		5.5	8.2			
	3674	10070	53.4	45.6	56	38.2	42.5		5.1	6.7			
	3716	10071	53.3	45.7	56	38.4	46.2		5.3	6.9			
	3820	10072	53.2	45.2	50	35.5	41.2		5.5	7.1			
	3904	10073	52.7	45.1	51	36.1	33.8		5.3	7.5			
	3966	10074	52.5	44.8	55	35.9	34.8		5.2	7.1			
	3966	10075	53.6	44.2	47	33.6	34.2	*	5.6	7.5			
	4008	10080	53.6	44.3	47	33.8	37.4		5.7	8.2			
	4133	10081	54.0	43.7	44	32.3	29.1		7.0	9.6			
	4153	10082	53.4	43.5	40	30.2	23.4		7.5	9.4			
	4216	10083	53.4	43.4	40	30.0	20.9		8.4	10.2			
	4237	10084	53.2	43.3	40	30.2	29.2		6.6	8.8			
	4330	10085	52.7	43.2	41	30.8	35.2		5.9	9.7			
	4466	10090	53.1	42.8	39	29.5	34.3		5.9	8.9			
	4518	10091	53.9	42.6	37	27.8	32.2		5.9	8.3			
	4424	10092	55.0	42.8	32	26.2	31.4	*	5.6	8.3			
	4424	10093	54.8	43.1	33	27.1	31.4		6.4	8.8			
	4414	10094	54.8	43.0	33	26.9	40.4		6.5	8.6			
	4383	10095	54.4	43.2	37	28.0	58.1		6.1	8.5			
	4351	10100	53.2	43.4	41	30.3	39.4		5.5	8.4			
	4383	10101	53.7	43.3	39	29.3	35.7		5.7	8.1			
	3872	10105	53.3	44.8	49	34.9	37.6		5.5	7.9			
	3633	10110	53.6	45.9	56	38.3	38.2		5.1	7.5			
COMMERCE	1217	10162	59.9	54.4	66	49.3	17.4		1.1	5.3			
	1154	10163	60.2	54.7	71	51.4	17.2		1.0	4.7			
	1040	10164	60.4	54.9	71	51.4	17.7		0.6	18.1			
	946	10165	61.7	55.2	65	50.6	17.6		0.5	5.7			
	925	10170	61.3	55.3	70	51.0	15.5	*	0.6	4.6			
	852	10171	61.3	55.4	70	51.1	12.7		1.2	5.7			
	713	10172	62.6	55.9	64	50.4	11.2		1.0	7.7			
	658	10173	62.9	56.2	64	50.4	12.8	*	0.6	7.5			
	674	10174	62.7	56.4	70	52.8	14.4		0.7	6.7	0.8	5.3	0.4
	634	10175	62.7	56.2	65	50.6	14.6		0.4	8.2			
	748	10180	62.2	56.2	66	51.0	14.4		0.7	7.8			
	811	10181	61.5	55.9	71	51.3	20.6		1.0	7.0			
	894	10182	60.8	55.6	72	51.6	17.4		1.1	8.0			
	894	10183	61.0	55.5	71	51.4	21.9		1.4	6.1			
	946	10184	61.2	55.5	71	51.2	24.3	*	1.3	7.3	0.7	4.5	0.4
	946	10185	61.3	55.6	71	51.2	20.1		1.5	6.2			
	998	10190	61.0	55.5	71	51.4	20.6		1.7	7.0			
	998	10191	60.9	55.5	71	51.5	17.7		4.1	5.5			
	1019	10192	60.8	55.5	72	51.5	21.9		3.2	5.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-081
AIRCRAFT DATA FLIGHT NUMBER 13 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE	977	10193	61.5	55.5	70	51.0	24.3	2.2	4.0			
	1331	10201	58.5	54.4	73	50.5	14.8	1.4	3.8			
	1363	10202	58.6	54.3	73	50.3	16.1	1.3	4.0			
	1467	10203	58.0	54.1	79	50.6	17.2	1.5	4.2			
	1384	10204	58.7	54.1	72	50.1	16.5	1.2	3.9	0.7	3.6	0.4
	94	10205	75.8	17.4	0	-29.8	18.8	1.2	8.4			
	1394	10211	58.5	54.1	73	50.2	15.0	1.5	4.3			
	1373	10212	59.1	54.2	72	49.8	13.3	2.0	3.6			
	1321	10213	59.4	54.4	71	49.7	13.9	1.4	5.3			
	1373	10214	59.2	54.4	72	49.9	16.1	1.5	5.9			
	1279	10215	59.6	54.4	71	49.6	16.5	1.3	5.1			
	1248	10220	59.7	54.5	76	51.6	15.5	1.5	7.0			
	1342	10221	59.2	54.6	78	52.1	24.7	1.7	6.3			
	1363	10222	59.3	54.4	72	49.8	25.5	1.5	8.2			
	1321	10223	59.7	54.5	76	51.6	23.4	1.6	5.9			
	1321	10224	60.1	54.7	71	51.5	19.5	1.5	7.3			
	1342	10225	60.3	54.8	71	51.4	22.6	1.8	7.6			
	1467	10230	59.2	54.6	78	52.1	29.7	2.6	5.7			
	1436	10231	59.2	54.4	72	49.9	30.6	2.6	4.8			
	1477	10232	59.1	54.2	72	49.8	29.3	2.2	4.2			
	1456	10233	59.2	54.1	71	49.7	22.9	1.8	4.4			
	1384	10234	59.3	54.2	71	49.7	17.4	1.5	4.0			
	1342	10235	59.4	54.4	71	49.7	16.6	1.4	4.1			
	1321	10240	59.4	54.5	77	51.9	14.8	1.4	4.2			
	1331	10250	59.6	54.5	77	51.7	25.4	2.1	4.7			
	1352	10260	59.6	54.3	71	49.5	23.2	2.2	4.7			
HAWTHORNE	998	10302	61.2	55.7	71	51.4	19.7	1.6	4.0			
	946	10303	60.8	55.6	72	51.6	17.8	2.0	3.8			
	905	10304	61.4	55.6	71	51.1	21.3	1.3	4.4			
	905	10305	61.0	55.8	72	51.6	19.1	2.2	5.5			
	842	10310	61.2	56.1	72	51.7	18.5	1.8	4.1			
	842	10311	60.5	56.1	73	52.2	19.0 *	1.2	3.7			
	811	10312	60.7	56.0	73	52.0	19.3	1.1	3.0			
	790	10313	60.9	56.1	73	51.9	19.5	1.1	2.1			
	748	10314	61.2	56.2	72	51.8	20.6	1.1	2.4			
	729	10315	61.2	56.3	78	53.9	21.8	1.2	2.4			
	728	10320	61.1	56.3	78	53.9	25.8	1.9	2.1			
	780	10321	61.5	56.4	77	53.7	23.6	1.3	2.5			
	832	10322	60.5	56.1	73	52.2	21.4	1.2	2.7			
	800	10323	60.7	56.0	73	52.0	22.0	1.2	2.0			
	759	10324	60.6	56.1	73	52.2	24.1	1.2	2.1			
	748	10325	60.5	56.3	79	54.4	18.6	1.5	2.0			
	729	10330	61.2	56.6	79	54.1	17.1	1.4	2.0			
	658	10331	61.7	56.7	73	53.8	17.6	0.9	2.2			
	578	10332	61.8	56.9	73	53.9	16.1	1.1	2.4			
	467	10333	62.6	57.1	72	53.4	16.6	0.6	3.2			
	332	10334	62.7	57.3	72	53.5	17.6	0.6	4.2			
	165	10335	63.2	57.6	72	53.4	17.5	0.5	3.4			
	117	10340	64.2	57.9	66	52.8	23.2	0.8	3.3			
	110	10341	63.8	58.0	67	53.2	21.5	0.6	2.4			
	110	10342	63.6	58.7	74	55.9	19.3 *	0.4	2.1			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-082
AIRCRAFT DATA FLIGHT NUMBER 13 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	110	10343	63.8	60.0	81	58.5	20.1		0.3	2.6			
	110	10344	55.2	59.9	100	63.4	20.5		0.2	12.8			
	110	10345	63.9	60.1	81	58.5	20.6		0.3	1.3			
	110	10350	64.5	60.1	80	58.1	22.6		0.3	1.4			
	110	10371	64.2	61.4	83	59.1	23.9		0.5	1.6			
	110	10372	63.9	61.6	84	59.4	24.8		0.5	1.8			
	110	10373	63.9	61.4	84	59.3	26.6		0.5	1.3			
	110	10374	63.6	60.8	83	59.1	26.6		0.6	1.4			
	110	10375	63.8	60.5	82	58.8	28.9		0.8	2.3			
	443	10383	63.1	58.0	73	53.7	28.6		1.3	3.8			
	578	10384	61.6	57.7	80	54.6	28.6	*	0.6	9.2			
	562	10385	61.9	57.5	74	54.2	23.2		0.9	5.4			
	697	10390	61.5	57.3	79	54.4	20.9		0.8	5.5			
	800	10391	60.5	56.8	80	54.7	18.8		1.0	4.9			
	894	10392	60.1	56.5	81	54.8	17.9		1.2	4.9			
	957	10393	59.3	55.9	80	53.0	23.1	*	0.9	8.2			
	998	10394	59.3	55.8	80	52.9	23.1		1.5	6.4			
	1071	10395	55.0	55.6	100	55.8	23.2		0.0	5.3			
	1175	10400	58.4	55.4	81	53.3	19.6		1.6	4.7			
	1248	10401	57.7	55.0	87	53.5	18.9		1.6	4.7			
	1342	10402	57.1	54.7	88	53.7	19.5		1.8	4.8			
	1436	10403	56.9	54.5	88	53.7	22.3		2.1	5.4			
	1394	10404	57.3	54.3	81	51.3	29.8	*	2.2	5.0			
	1352	10405	57.6	54.3	80	51.1	33.2		2.3	5.6			
	1342	10410	58.0	54.3	79	50.8	32.4		2.4	5.9			
	1352	10411	57.6	54.2	80	51.0	32.9		2.5	6.0			
	1300	10412	58.4	54.5	79	52.6	31.9		2.4	5.7			
	1384	10413	58.5	54.7	80	52.7	34.7		2.5	5.9			
	1467	10420	58.0	54.4	79	50.9	22.4		2.1	5.9			
EL MONTE	1352	10480	57.5	54.1	80	51.0	35.8		1.8	8.4			
	1300	10483	58.0	54.5	86	52.9	30.7		2.1	5.6			
	1175	10484	58.8	54.8	79	52.5	31.1		1.9	5.4			
	1061	10485	59.7	55.1	78	52.1	29.9		1.7	5.6	0.5	3.9	0.4
	1050	10490	58.9	55.2	80	52.7	28.0		1.8	6.1			
	1019	10491	59.2	55.4	80	52.7	30.1		1.7	7.2			
	998	10492	59.3	55.3	79	52.5	28.6	*	1.6	7.3			
	925	10493	60.2	55.6	73	52.1	23.0		2.0	7.7			
	967	10494	59.7	55.8	79	52.6	29.4		1.9	8.2			
	936	10495	60.5	55.6	72	51.9	28.9		2.1	8.1			
	946	10500	59.8	55.7	79	52.5	27.6		1.5	8.4			
	863	10501	59.8	55.7	79	52.5	31.6		1.5	6.3			
	790	10502	60.9	55.9	72	51.8	35.2		1.5	5.4			
	689	10503	61.7	56.4	72	53.6	29.5		1.1	5.2			
	689	10504	61.7	56.4	72	53.6	24.2		2.2	6.8			
	666	10505	61.7	56.4	72	53.6	29.9	*	1.6	6.0			
	666	10510	62.4	56.7	72	53.3	29.3		1.4	6.0			
	713	10511	62.2	56.7	72	53.4	29.9		1.4	6.0			
	811	10512	61.2	56.7	79	54.1	26.9		1.8	5.2			0.4
	905	10513	60.0	56.1	74	52.6	29.3		1.9	6.4			
	977	10514	59.4	55.7	80	52.7	28.3		2.1	5.7			
	1019	10515	59.3	55.5	80	52.7	21.9		3.0	5.9			

SCOTT RESEARCH LABORATORIES CPA70-6114211135R043 RUN DATE 02/04/70-083
AIRCRAFT DATA FLIGHT NUMBER 13 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	1040	10520	59.0	55.5	80	52.9	19.6	3.4	6.0			
	998	10521	59.4	55.6	80	52.7	28.2	2.7	5.6			
	988	10522	59.3	55.6	80	52.7	28.1	1.7	9.2			
	967	10523	59.3	55.6	80	52.7	28.6	1.7	8.1			
	946	10524	60.2	55.7	73	52.2	28.2	1.8	9.2			
	988	10525	59.3	55.7	80	52.8	29.7	1.9	7.8			
	936	10530	59.4	55.6	80	52.7	28.3	1.9	6.8			
	925	10531	60.0	55.8	74	52.4	28.8	1.5	7.5			
	915	10532	59.3	55.9	80	53.0	29.4	1.5	6.4			
	780	10533	60.1	56.0	74	52.5	35.4	1.5	5.1			
	705	10534	60.8	56.4	79	54.2	30.5	1.1	4.7			
	634	10535	62.1	56.7	72	53.5	33.1	1.3	4.9			
	539	10540	61.4	56.8	79	54.1	27.0	1.8	5.3			
	459	10541	61.5	57.0	79	54.1	29.4	1.2	5.9			
	403	10542	62.6	57.3	72	53.6	28.8	1.0	5.4			
	268	10543	64.2	58.2	72	55.1	27.7	0.6	4.1			
	292	10544	63.4	58.7	79	56.0	28.0	* 0.5	5.0			
	284	10545	62.6	59.9	89	59.2	26.8	0.5	5.3			
	276	10550	63.3	60.0	87	58.8	27.0	0.5	4.7			
	276	10551	63.6	60.2	82	58.8	26.0	0.3	4.0			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-084
AIRCRAFT DATA FLIGHT NUMBER 14 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	362	13421	69.7	61.1	60	55.4	19.0		0.1	5.9			
	362	13422	69.8	61.1	60	55.3	18.9		0.1	5.8			
	362	13423	70.0	61.2	60	55.3	18.8		0.1	6.0			
	362	13424	69.6	61.4	61	55.7	19.0		0.3	6.0			
	362	13425	70.5	62.1	65	57.6	18.6		0.1	6.6			
	362	13430	70.7	62.2	61	57.6	18.6		0.1	6.2			
	362	13431	70.2	62.3	66	58.0	18.4		0.1	6.3			
	362	13432	71.3	62.6	61	57.5	19.0		0.6	7.3			
	362	13433	69.6	61.4	61	55.7	18.1		0.2	6.1			
	354	13434	69.7	60.2	59	54.8	17.2		0.6	7.6			
	402	13435	69.3	59.1	53	52.1	17.6		0.8	8.4			
	465	13440	69.1	59.0	53	52.1	17.3		0.7	9.3			
	537	13441	68.2	58.6	58	52.5	18.1		0.8	9.6			
	648	13442	68.0	58.2	57	52.4	17.6		1.1	9.5			
	755	13443	67.5	58.1	58	52.7	20.5	*	1.0	9.2			
	786	13444	67.3	58.1	58	52.8	18.3		1.2	9.9			
	973	13445	66.1	57.5	58	51.1	19.3		1.1	9.6			
	1025	13450	65.9	57.3	58	51.1	17.3		1.9	9.0			
	1046	13451	65.6	57.0	58	51.1	20.7		1.4	9.0			
	1025	13452	66.4	57.0	57	50.4	20.1	*	1.5	8.7			
	1181	13453	65.3	56.7	58	51.1	16.4		2.3	10.0			
	1119	13454	65.7	56.5	57	50.6	18.8		1.7	8.9			
	1202	13455	65.7	56.6	57	50.7	17.6		2.0	10.5			
	1244	13460	65.0	56.2	57	48.7	21.2		1.8	12.5			
	1358	13461	64.2	55.8	57	49.0	21.4		1.6	10.8			
	1411	13462	64.0	55.5	57	49.0	21.4		1.7	10.6			
	1431	13463	63.8	55.5	58	49.1	21.0		1.8	11.0			
	1504	13464	63.6	55.4	58	49.2	21.6		1.9	10.8			
	1504	13465	64.5	55.5	56	48.5	20.5	*	1.8	12.3			
	1608	13470	63.3	55.3	62	49.4	21.4		1.9	11.6			
	1650	13471	63.0	55.3	63	49.6	21.3		1.9	11.0			
	1733	13472	62.6	55.1	63	49.8	21.8		2.0	11.2			
	1827	13473	62.0	54.9	64	50.1	22.9		2.0	12.1			
	1931	13474	61.4	54.6	68	50.4	27.0		2.1	10.9			
	2025	13475	61.3	54.4	63	48.2	30.1		2.6	11.2			
	2015	13480	61.5	54.4	63	48.0	23.0	*	2.3	10.3			
	2077	13481	60.5	54.1	64	48.6	27.0		2.6	10.9			
	2129	13482	60.5	54.0	64	48.5	21.2		3.0	10.1			
	2160	13483	60.1	53.9	64	48.7	21.5		2.5	10.7			
	2212	13484	59.8	53.5	69	48.7	22.7		2.4	10.3			
	2264	13485	59.7	53.5	69	48.7	22.6		2.7	10.7			
	2337	13490	59.1	53.2	69	49.0	22.8		2.9	10.3			
	2379	13491	59.0	53.2	70	49.1	20.9		3.2	10.2			
	2462	13492	58.5	52.3	63	46.6	17.3		4.4	10.9			
	2462	13493	58.6	53.0	70	49.2	16.7		4.6	10.3			
	2452	13494	59.0	53.1	69	49.0	24.2	*	3.0	10.4			
	2566	13495	57.9	52.9	76	49.7	19.7		3.7	10.9			
	2671	13500	57.4	52.6	71	47.9	23.3		3.1	12.5			
	2775	13501	56.9	52.4	72	48.1	24.8		3.3	11.5			
	2868	13502	56.4	52.1	72	48.3	23.2		3.4	11.7			
	2920	13503	55.9	51.8	77	48.5	24.6		3.5	11.3			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-085
AIRCRAFT DATA FLIGHT NUMBER 14 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2973	13504	55.3	51.6	78	48.8	24.0		3.7	11.5			
	2941	13505	56.6	51.7	71	47.8	23.0	*	3.6	11.4			
	3118	13511	55.6	51.3	77	48.3	24.6		3.7	11.7			
	3212	13512	55.4	51.4	78	48.6	25.9		3.8	11.8			
	3327	13513	54.3	51.2	85	49.3	30.5		3.8	11.4			
	3399	13514	53.6	50.8	80	47.6	34.3		4.2	11.3			
	3399	13515	53.7	50.8	80	47.5	32.6		4.1	10.9			
	3462	13520	53.2	50.6	81	47.8	24.5		4.7	11.2			
	3472	13521	53.4	50.4	80	47.4	23.9		4.3	10.6			
	3514	13522	53.0	50.2	80	47.6	26.1		4.4	10.6			
	3441	13523	54.1	50.3	77	46.7	25.2	*	4.2	9.5			
	3493	13524	53.6	50.1	78	47.0	24.4		4.3	12.3			
	3629	13525	52.5	49.6	85	47.5	26.2		4.6	10.3			
	3691	13530	52.3	49.2	85	47.4	25.1		4.5	10.4			
	3774	13531	51.8	48.8	79	45.5	24.9		4.7	10.5			
	3868	13532	51.2	48.5	80	45.8	25.2		4.8	10.4			
	3951	13533	52.4	47.3	73	43.4	20.8		5.8	10.4			
	4055	13534	53.0	45.8	57	38.9	18.7		7.0	10.8			
	4045	13535	56.1	43.5	31	25.4	26.0	*	4.9	10.7			
	4024	13540	52.4	46.8	66	40.8	28.6		5.1	11.1			
	4149	13541	53.9	44.7	47	33.9	23.6		5.7	10.1			
	4180	13542	53.4	43.6	41	30.3	27.2		5.3	11.1			
	4222	13543	53.8	43.3	39	29.2	26.7		5.1	10.5			
	4274	13544	54.8	43.0	33	26.9	27.9		5.0	10.0			
	4316	13545	54.7	42.4	32	26.0	28.4		5.2	8.1			
	4430	13550	54.6	42.8	33	26.9	27.5		5.2	9.8			
	4493	13551	54.5	42.0	31	25.6	27.2		5.2	8.3			
	4534	13552	54.4	41.9	34	25.6	27.7		5.1	8.5			
	4545	13553	54.8	41.8	26	21.1	27.9	*	5.4	7.4			
	4555	13554	54.5	41.9	31	25.4	27.6		5.5	8.3			
	4659	13555	53.9	41.8	30	23.0	28.6		5.3	7.7			
	4753	13560	53.5	41.3	30	22.8	36.5		5.5	7.8			
	4764	13561	53.6	41.2	29	22.4	39.2		5.3	7.6			
	4805	13562	53.2	41.1	30	23.0	30.5		5.3	8.4			
	4868	13563	53.0	40.9	30	23.0	24.6		5.7	7.7			
	4899	13564	53.5	40.8	29	21.7	25.3		5.2	7.7			
	4993	13565	53.6	40.6	28	21.1	27.6		5.2	7.6			
	4982	13570	53.0	40.5	29	22.2	28.9		5.1	6.8			
	4941	13571	53.4	40.7	29	21.7	26.7	*	5.2	7.0			
	5034	13572	54.8	41.5	25	20.4	27.1		5.2	7.4			
	5107	13573	54.6	41.9	31	25.2	26.1		5.3	6.8			
	5201	13574	54.5	40.7	24	19.2	26.3		5.4	6.0			
	5253	13575	54.3	40.1	25	18.2	26.3		5.6	5.7			
	5315	13580	54.8	40.0	18	12.0	26.1		5.8	5.1			
	5430	13581	54.3	39.9	20	13.3	23.8		6.1	4.3			
	5472	13582	54.1	39.6	20	13.0	21.2		7.0	5.1			
	5545	13583	54.4	39.6	19	12.0	21.1		6.5	6.3			
	5628	13584	54.4	39.7	19	12.4	28.0	*	6.0	5.8			
	5607	13585	54.6	39.5	17	11.1	23.4		6.5	5.4			
	5701	13590	54.4	39.8	19	12.7	26.3		6.5	5.2			
	5732	13591	54.2	40.1	25	18.5	27.3		5.6	6.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-086
AIRCRAFT DATA FLIGHT NUMBER 14 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
EL MONTE	5701	13592	54.2	39.6	19	12.7	26.6	5.9		4.2			
	5784	13593	53.8	39.9	21	14.8	28.3	5.7		4.6			
	5847	13594	53.5	40.4	27	20.9	26.9	5.8		4.2			
	5899	13595	53.5	40.6	28	21.3	26.5	5.9		5.4			
	5992	14000	53.0	40.3	29	21.7	27.1	6.0		4.6			
	6065	14001	52.7	39.9	24	17.8	27.3	6.0		4.7			
	6065	14002	53.0	40.7	30	22.6	26.5	6.0	*	5.1			
	6201	14003	52.9	40.8	30	23.0	28.6	6.0		5.3			
	6326	14010	53.0	40.9	30	23.0	35.9	6.0		4.1			
COMMERCE	6461	14065	54.1	41.0	27	20.9	29.7	6.4		3.1			
	6378	14070	54.4	41.1	27	20.4	29.2	6.5		3.3			
	6284	14071	54.8	41.6	25	20.6	35.1	6.8		2.5			
	6242	14072	54.1	41.6	29	22.2	23.0	7.6		2.5			
	6034	14073	55.0	41.3	24	19.5	16.8	9.6		4.2			
	5784	14074	56.7	41.6	19	15.9	24.9	6.4		3.4			
	5753	14075	56.8	42.2	25	21.3	29.1	6.1		3.2			
	5628	14080	57.4	42.0	23	19.4	23.2	6.2		3.3			
	5368	14081	58.3	41.9	19	16.9	25.8	6.3		3.6			
	5180	14082	58.7	41.8	14	10.3	19.3	7.3		3.5			
	4982	14083	59.5	42.1	17	14.1	17.9	7.8		3.8			
	4743	14084	57.4	41.6	18	13.9	24.0	6.4		4.9			
	4462	14085	57.1	42.2	24	20.6	36.5	6.5		5.1			
	4076	14090	53.8	46.6	57	38.9	47.1	5.8		6.7			
	4045	14091	51.1	49.6	89	48.7	21.9	5.6		7.5			
	3826	14092	51.5	49.2	87	48.1	29.1	4.7		7.9			
	3566	14093	52.2	49.9	87	48.1	32.5	4.4		8.2			
	3264	14094	54.3	50.3	77	46.6	21.6	4.7		8.9			
	3150	14095	53.8	51.4	87	49.9	16.1	5.1		9.7			
	3118	14100	53.7	51.3	87	49.9	18.5	3.9		9.7			
	3025	14101	54.6	51.8	81	49.6	20.3	3.5		10.0			
	2973	14102	54.3	52.1	88	50.1	22.6	3.1		9.2			
	2952	14103	54.4	52.1	87	50.0	22.7	3.0	*	9.7			
	2837	14104	55.1	52.4	81	49.6	15.6	4.4		9.7			
	2671	14105	56.6	52.8	79	50.7	20.0	3.3		10.7			
	2598	14110	56.9	53.0	79	50.6	31.4	3.2		9.2			
	2556	14111	56.7	53.0	79	50.8	24.8	2.5		9.3			
	2421	14112	57.6	53.6	78	50.5	22.3	2.3	*	8.7			
	2348	14113	58.3	53.8	72	50.2	21.6	2.1		8.3			
	2202	14114	58.8	54.1	72	50.0	20.8	2.1		8.8			
	2087	14115	59.6	54.2	70	49.4	19.6	2.2		9.3			
	1983	14120	60.2	54.5	71	51.2	20.3	2.0		9.1			
	1973	14121	60.0	54.7	72	51.5	17.9	1.7	*	8.9			
	1890	14122	60.2	55.6	73	52.1	16.9	0.9		15.2			
	1671	14123	61.2	56.3	78	53.9	13.8	2.7		11.2			
	1536	14124	62.2	56.9	72	53.6	16.0	0.9		13.0			
	1536	14125	62.8	56.4	70	52.8	17.7	1.4		11.3			
	1504	14130	62.4	56.3	71	53.0	19.0	1.5		12.4			
	1431	14131	62.4	56.4	71	53.1	19.2	1.6	*	11.2			
	1400	14132	62.6	56.6	71	53.1	14.0	2.3		11.5			
	1265	14133	63.1	56.6	70	52.7	14.3	1.6		10.6			
	1057	14134	65.5	57.3	59	51.4	19.4	1.7		8.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-087
AIRCRAFT DATA FLIGHT NUMBER 14 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	1109	14135	64.6	57.5	65	52.2	22.0		1.4	7.0			
	1004	14140	64.8	57.5	64	52.1	16.6		1.3	7.3			
	994	14141	65.1	57.6	64	51.9	17.4	*	1.0	7.4			
	911	14142	65.6	57.7	59	51.6	16.8		1.0	7.2			
	900	14143	64.7	58.5	71	55.0	16.3		1.5	6.5			
	734	14144	65.4	59.0	67	54.8	10.5		2.5	8.1			
	702	14145	67.7	59.3	60	53.4	16.8		0.8	9.7			
	755	14150	66.3	58.6	65	53.9	17.2		0.9	9.2	2.7	3.3	0.3
	734	14151	66.0	58.4	65	54.0	17.0	*	0.8	14.5			
	765	14152	66.7	58.5	64	53.6	18.0		0.9	15.8			
	796	14153	65.4	58.4	66	54.4	14.4		1.5	11.8			
	848	14154	66.0	58.6	65	54.1	14.3		1.5	9.8			
	911	14155	64.6	58.1	71	54.8	20.9		1.4	8.5			
	984	14160	64.9	57.9	65	52.3	12.6		2.1	7.7			
	1025	14161	64.4	57.7	65	52.5	16.6		1.2	6.5			
	1067	14162	64.2	57.5	65	52.5	17.5	*	1.1	7.8			
	1025	14163	64.0	57.6	66	52.8	17.9		1.0	7.5			
	1025	14164	64.1	57.7	66	52.8	16.8		0.9	7.9			
	1244	14165	62.3	58.1	80	56.3	16.5		1.3	5.7			
	1306	14170	62.6	57.9	73	54.0	14.8		1.6	4.8			
	1223	14171	63.6	57.3	66	52.8	12.0		2.3	9.3			
	1192	14172	63.3	57.3	71	53.1	17.9		0.9	10.6			
	1129	14173	63.3	57.3	71	53.1	17.9		0.9	10.1	0.4	1.9	0.4
	1088	14174	64.1	57.6	66	52.7	17.4		0.9	11.3			
	1119	14175	63.6	57.4	66	52.9	16.4		0.9	11.2			
	1244	14180	62.5	57.3	73	53.6	14.9		1.3	8.0			
	1296	14181	62.5	57.1	72	53.5	17.1		1.7	9.2			
	1358	14182	62.2	57.1	73	53.7	21.6		1.6	7.3			
	1369	14183	62.6	56.9	72	53.3	18.6		1.3	7.1			
	1494	14184	61.9	56.5	72	53.5	18.3		1.4	7.0			
	1556	14185	61.5	56.4	77	53.7	17.9		1.3	7.8			
	1598	14190	61.2	56.2	72	51.8	16.8		1.4	7.2			
	1660	14191	60.9	56.4	79	54.1	15.7		1.2	7.6			
	1806	14192	59.5	56.4	87	55.1	17.0		1.4	5.2			
	1765	14193	59.7	56.5	87	55.1	14.0		2.1	4.8			
	1827	14194	59.7	56.7	87	55.2	12.6		2.7	7.4			
	1983	14195	59.7	55.8	79	52.6	20.9		1.5	7.8			
	2025	14200	59.5	55.0	78	52.2	19.3		1.8	9.5			
	2025	14201	59.2	55.1	79	52.5	19.6		1.8	9.0			
	2015	14202	59.5	55.2	78	52.3	18.8		1.6	10.4			
	1994	14203	59.7	55.3	78	52.2	19.0		1.6	9.6			
	1994	14204	59.5	55.3	79	52.4	19.7		1.8	8.9			
	2004	14205	59.3	55.3	79	52.5	18.3		1.6	9.5			
	2015	14210	59.2	55.3	79	52.6	20.4		1.5	9.5			
	1910	14211	60.0	55.2	73	51.9	27.3		2.1	6.4			
	1890	14212	60.0	55.5	73	52.2	19.3		1.6	6.4			
	1858	14213	60.0	55.4	73	52.1	21.0		1.7	6.6			
	1765	14214	60.5	55.5	72	51.8	19.8		1.7	6.2			
	1733	14215	60.5	55.6	72	51.9	18.7		1.6	7.0			
	1785	14220	60.0	55.5	73	52.2	18.9		1.6	7.2			
	1775	14221	60.0	55.5	73	52.2	19.3		1.7	6.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-088
AIRCRAFT DATA FLIGHT NUMBER 14 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE	1817	14222	59.7	55.5	79	52.4	18.7	1.7	7.1			
	1952	14223	59.2	55.3	79	52.6	18.6	1.8	6.5			
	2035	14230	57.8	54.7	86	53.2	20.7	1.9	6.9			
	1910	14240	58.7	55.0	80	52.7	19.3	1.8	5.5	0.6	1.8	0.4
HAWTHORNE	1754	14274	57.6	55.0	88	53.6	16.1	2.2	4.5			
	1629	14275	58.1	55.4	82	53.5	14.3	2.4	4.8			
	1588	14280	58.3	55.6	81	53.3	13.4	2.7	4.7			
	1473	14281	58.7	55.8	81	53.3	16.7	1.3	4.9			
	1463	14282	58.8	56.0	82	53.4	18.5	* 1.2	4.9			
	1348	14283	59.0	56.3	88	55.4	17.4	2.1	5.1			
	1213	14284	60.1	56.7	81	54.9	27.6	1.6	3.8			
	1129	14285	61.2	56.7	79	54.1	20.9	1.4	4.3			
	1077	14290	60.5	57.0	81	54.8	18.6	0.8	4.9			
	984	14291	60.6	57.0	81	54.8	10.8	4.2	4.8			
	890	14292	60.7	57.4	81	55.0	17.1	* 0.9	3.3			
	848	14293	60.7	57.6	82	55.1	17.6	1.0	2.7			
	807	14294	59.5	57.9	90	56.1	16.9	1.0	2.5			
	775	14295	59.6	57.9	90	56.1	16.9	1.0	2.6			
	786	14300	59.7	57.9	90	56.0	16.0	1.4	3.2			
	755	14301	59.9	57.9	84	55.9	17.3	0.9	3.7			
	755	14302	60.4	58.0	83	55.6	18.2	0.9	4.3			
	744	14303	60.4	58.0	83	55.6	16.9	0.8	4.1			
	744	14304	60.7	58.1	88	57.4	17.2	0.7	4.0			
	755	14305	60.2	58.2	90	57.7	16.1	0.7	3.9			
	744	14310	60.2	58.4	90	57.9	16.6	0.8	3.7			
	755	14311	60.5	58.4	89	57.7	16.9	0.8	4.6			
	765	14312	60.6	58.4	89	57.6	14.0	1.4	4.3			
	765	14313	60.6	58.4	89	57.6	18.4	1.0	3.2			
	734	14314	60.9	58.5	89	57.5	19.9	0.9	3.2			
	664	14315	60.9	58.5	89	57.5	20.6	0.7	3.3			
	640	14320	61.0	58.8	89	57.6	16.8	0.5	4.2			
	608	14321	60.9	58.8	89	57.7	17.4	0.5	4.5			
	521	14322	61.3	58.9	89	57.5	17.5	0.6	4.6			
	442	14323	61.9	59.1	83	57.2	17.7	0.4	4.1			
	378	14324	62.5	59.6	82	57.2	17.6	0.5	3.8			
	243	14325	62.1	59.7	83	57.5	17.7	0.6	3.5			
	84	14330	62.5	59.7	83	57.2	16.7	0.7	3.4			
	52	14331	63.0	59.9	88	59.0	16.3	0.9	3.5			
	52	14332	64.3	60.5	81	58.5	16.6	0.5	3.1			
	52	14333	63.3	61.1	90	59.5	16.1	0.3	3.0			
	52	14334	63.6	60.9	83	59.2	16.3	0.3	2.0			
	52	14335	63.7	61.2	84	59.3	16.4	0.2	2.0			
	52	14362	64.5	62.1	90	61.3	15.9	0.2	2.1			
	52	14363	64.4	61.9	89	61.2	15.9	0.2	2.1			
	52	14364	64.5	61.7	89	61.0	15.7	0.2	2.2			
	52	14365	64.5	61.6	83	59.1	15.7	0.2	2.1			
	52	14370	64.5	61.6	83	59.1	15.6	0.1	2.2			
	52	14371	64.6	61.9	89	61.1	15.7	0.3	2.1			
	52	14372	64.6	61.9	89	61.1	15.7	0.3	2.0			
	52	14373	64.7	61.9	89	61.0	15.7	0.2	2.3			
	60	14374	64.6	61.9	89	61.1	15.7	0.3	1.9			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-089
AIRCRAFT DATA FLIGHT NUMBER 14 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	52	14375	64.7	61.9	89	61.0	15.6	0.3	2.0			
	52	14380	64.8	61.8	88	60.9	15.5	0.3	1.8			
	52	14381	64.7	61.9	89	61.0	15.6	0.3	1.9			
	52	14382	65.0	61.9	88	60.9	15.5	0.4	1.7			
	60	14383	64.0	62.0	90	61.5	15.4	0.4	2.0			
	52	14384	63.4	62.4	98	62.0	15.5	0.5	1.8			
	52	14385	63.1	61.6	91	59.9	15.4	0.5	2.7			
	60	14390	63.2	60.7	89	59.3	14.7	1.1	2.8			
	187	14391	63.3	60.3	88	59.0	14.8	0.8	4.0			
	370	14392	61.0	59.9	98	60.1	14.7	0.5	4.7			
	434	14393	60.4	59.4	92	58.4	15.1	0.5	5.5			
	505	14394	60.0	59.0	92	58.4	15.6	0.5	4.9			
	545	14395	60.4	59.0	91	58.1	13.9	0.9	4.1			
	632	14400	59.5	58.7	98	58.5	15.3	0.8	4.4			
	734	14401	59.2	58.5	98	58.6	15.3	0.9	4.2			
	786	14402	58.9	58.3	99	58.6	15.4	0.9	3.6			
	900	14403	59.1	57.8	91	56.3	15.9	0.8	4.2			
	984	14404	58.9	57.6	91	56.3	16.4	0.9	4.3			
	1098	14405	59.4	57.2	89	55.7	16.2	1.0	3.7			
	1202	14410	59.3	56.9	89	55.6	16.0	1.1	4.8			
	1306	14411	59.0	56.7	89	55.7	14.7	1.3	5.9			
	1442	14412	58.5	56.4	89	55.8	13.7	1.7	5.0			
	1494	14413	58.2	56.2	83	54.0	15.3	1.5	4.6			
	1619	14414	57.6	55.9	90	54.2	17.9	1.2	5.3			
	1744	14415	57.1	55.6	90	54.3	18.5	1.3	5.5			
	1837	14420	56.8	55.3	90	54.3	18.3	1.4	5.4			
	1983	14421	56.0	54.9	97	54.6	18.0	1.5	6.2			
	2015	14422	56.3	54.7	90	54.3	18.5	1.6	4.6			
	2015	14423	56.1	54.9	97	54.6	16.9	1.5	5.1			
	2004	14424	56.1	55.1	98	54.7	16.8	1.5	5.2			
	2015	14425	55.3	55.5	100	55.5	17.0	1.3	6.3			
	2025	14430	56.5	54.4	83	52.0	16.6	1.5	5.5			
	2025	14431	56.9	54.3	82	51.7	16.9	1.5	5.1			
	2046	14432	56.8	54.2	82	51.7	16.7	1.6	4.5			
	2035	14433	57.1	54.3	81	51.5	16.6	1.6	6.0			
	2025	14434	57.1	54.5	88	53.6	16.8	1.6	5.1			
	2035	14435	57.4	54.5	87	53.3	16.4	1.4	4.2			
	2035	14440	57.1	54.6	88	53.6	16.3	1.5	5.4			
	2025	14441	57.2	54.4	81	51.5	16.5	1.4	4.6			
	2025	14442	57.4	54.5	87	53.3	16.7	1.5	4.3			
	2035	14443	57.3	54.6	87	53.5	16.0	1.4	4.4			
	1973	14444	57.8	54.7	86	53.2	16.6	1.3	4.4			
	1973	14445	57.7	54.7	87	53.3	16.0	1.5	5.0			
	1952	14450	58.0	54.7	86	53.0	15.0	1.7	5.6			
	1952	14460	58.1	55.0	81	53.2	15.8	1.3	4.8			
	1962	14470	58.5	55.3	81	53.1	15.3	1.5	5.7			
EL MONTE	1244	14505	63.4	57.0	70	52.8	10.8	0.1	15.8			
	1181	14510	63.9	57.5	66	52.8	12.1	0.0	14.5			
	1129	14511	64.3	57.4	65	52.4	12.1	0.3	12.6			
	1036	14512	65.3	57.9	60	52.0	11.6	0.2	12.3			
	1004	14513	65.0	57.8	64	52.2	12.0	* 0.2	12.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-090
AIRCRAFT DATA FLIGHT NUMBER 14 DATA DATE 10/22/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	1015	14514	64.6	57.8	65	52.5	12.0	0.2	11.8			
	984	14515	64.5	57.7	65	52.5	12.1	0.3	10.5			
	963	14520	64.7	58.1	71	54.7	12.1	0.5	9.0			
	932	14521	64.7	58.2	71	54.8	12.3	0.5	7.4			
	921	14522	64.3	58.2	72	55.0	12.1	0.5	7.8			
	900	14523	64.3	58.2	72	55.0	12.1	0.5	9.9			
	900	14524	64.8	57.9	65	52.4	12.0	0.6	6.2			
	890	14525	64.8	58.2	71	54.7	11.9	0.4	5.6			
	952	14530	64.7	58.2	71	54.8	12.1	0.4	6.0	1.8	2.4	0.6
	1015	14531	64.4	57.8	66	52.6	12.3	0.5	5.1			
	1004	14532	65.0	57.7	64	52.1	11.4	0.9	2.9			
	952	14533	65.5	57.6	59	51.6	13.0	0.6	2.2			
	869	14534	65.8	58.2	65	54.0	12.6	0.5	1.5			
	755	14535	66.1	58.4	65	53.9	12.0	0.3	1.5			
	656	14540	66.7	58.7	64	53.7	11.3	0.4	0.9			
	640	14541	66.9	59.1	64	53.8	11.1	* 0.3	1.1			
	702	14542	67.0	59.3	65	53.9	11.3	0.3	1.2			
	702	14543	67.4	59.1	60	53.5	11.5	0.3	2.3	1.5	3.3	0.7
	755	14544	66.6	59.2	65	54.1	11.0	0.4	3.0			
	963	14545	64.8	58.6	71	55.0	11.6	0.5	6.8			
	1036	14550	64.7	58.3	71	54.8	11.8	0.4	29.2			
	1161	14551	63.8	57.8	67	53.1	11.5	0.8	16.2			
	1150	14552	63.6	57.5	66	53.0	10.8	0.9	12.6			
	1109	14553	63.4	57.6	71	53.2	9.7	1.3	12.0			
	1057	14554	63.4	57.7	72	53.3	11.4	0.2	13.9			
	1025	14555	63.6	57.8	67	53.2	11.7	0.4	13.5			
	1046	14560	63.8	57.9	67	53.1	12.1	0.4	12.3			
	1046	14561	63.6	57.8	67	53.2	11.8	0.5	12.0			
	1057	14562	63.5	57.9	67	53.4	11.9	0.7	11.7			
	1077	14563	63.8	58.2	73	55.4	11.4	0.5	10.9			
	1088	14564	64.0	58.1	72	55.2	11.3	0.4	10.6			
	1067	14565	63.9	57.9	67	53.1	11.4	0.4	10.4			
	1025	14570	64.6	58.1	71	54.8	11.2	0.7	8.7			
	963	14571	64.8	57.8	65	52.3	12.6	0.6	8.9			
	859	14572	65.3	58.4	66	54.5	11.1	0.5	8.0			
	765	14573	65.3	58.7	66	54.7	12.9	0.4	7.6			
	648	14574	66.1	59.3	66	54.5	11.3	0.3	7.2			
	529	14575	67.6	59.7	60	53.8	11.1	0.4	7.3			
	442	14580	67.2	59.8	61	54.1	10.9	0.2	7.4			
	378	14581	68.3	60.2	65	55.7	10.5	0.4	7.3			
	362	14582	67.7	60.7	67	56.5	10.6	0.1	5.0			
	362	14583	68.8	61.9	72	58.6	10.6	* 0.1	6.0			
	362	14584	67.3	63.3	77	60.3	10.5	0.1	5.9			
	362	14585	68.3	63.5	81	61.8	10.4	0.1	5.4			

SCOTT RESEARCH LABORATORIES CRA70-6114211136R043 RUN DATE 02/04/70-091
AIRCRAFT DATA FLIGHT NUMBER 15 DATA DATE 10/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	334	15063	69.1	64.2	76	61.8	5.3		0.0	4.0			
	326	15064	69.3	63.7	75	61.4	5.3		0.0	5.0			
	381	15065	68.6	62.3	73	59.0	5.3		0.1	5.8			
	461	15070	68.1	61.9	73	59.0	5.5		0.1	6.1			
	509	15071	67.6	61.7	73	59.2	5.7		0.2	6.0			
	572	15072	67.2	61.4	69	57.3	5.8		0.2	6.5			
	701	15073	66.9	61.1	73	57.3	6.0		0.3	6.6			
	764	15074	66.4	60.9	73	57.5	6.6		0.4	6.6			
	764	15075	66.8	61.0	73	57.3	6.8	*	0.3	6.4			
	878	15080	65.7	60.7	74	57.8	6.8		0.6	6.3			
	951	15081	65.2	60.3	79	57.8	7.0		0.8	5.9			
	972	15082	65.0	60.1	79	57.8	7.2		0.9	6.2			
	1035	15083	65.0	59.9	79	57.7	7.0		1.1	5.8			
	993	15084	65.4	60.0	74	57.5	8.0	*	0.5	5.7			
	1139	15085	64.5	59.8	74	56.0	7.4		0.9	6.0			
	1201	15090	64.2	59.6	74	56.1	8.0		0.9	6.5			
	1243	15091	64.1	59.5	74	56.1	9.0		0.6	8.5			
	1316	15092	63.8	59.3	75	56.1	8.5		0.6	8.1			
	1399	15093	63.4	59.1	80	56.3	8.6		0.6	8.4			
	1451	15094	63.6	58.9	74	56.0	8.7		0.9	8.7			
	1503	15095	63.1	58.7	80	56.2	8.7		1.0	7.8			
	1493	15100	63.3	58.8	79	56.1	8.4	*	0.9	7.7			
	1587	15101	63.5	58.7	74	55.9	8.9		1.0	7.0			
	1680	15102	63.3	58.5	79	55.9	8.6		1.1	8.1			
	1774	15103	63.0	58.2	79	55.9	9.1		1.1	9.5			
	1826	15104	62.9	57.9	73	53.8	9.0		1.0	11.8			
	1951	15105	62.7	57.6	73	53.7	9.5		1.2	12.2			
	1993	15110	62.1	57.6	74	54.1	9.2		1.3	12.2			
	2055	15111	61.9	57.4	74	54.1	9.3		1.4	12.7			
	2024	15112	63.1	57.3	71	53.2	8.9	*	1.1	14.1			
	2149	15113	62.2	57.2	73	53.8	11.1		1.3	13.4			
	2180	15114	62.1	57.2	73	53.9	11.3		1.6	15.1			
	2211	15115	62.3	57.4	73	53.9	9.8		1.5	15.5			
	2336	15120	62.2	57.6	74	54.1	10.6		1.8	17.4			
	2357	15121	62.2	57.5	73	54.0	9.4		2.0	17.3			
	2451	15122	63.4	57.6	71	53.2	11.3		2.1	16.6			
	2555	15123	65.4	55.0	51	47.3	11.3		2.3	16.4			
	2576	15124	65.7	53.1	43	42.8	11.9	*	2.1	14.4			
	2628	15125	66.5	52.2	36	38.1	11.3		2.3	14.2			
	2753	15130	66.5	50.1	28	32.3	13.0		2.3	12.1			
	2826	15131	67.0	50.3	28	31.8	11.2		2.3	9.5			
	2888	15132	67.1	50.9	30	35.7	11.5		2.5	10.9			
	2940	15133	67.2	51.6	31	36.5	11.7		2.5	12.4			
	2982	15134	67.3	51.6	31	36.4	11.9		2.5	12.0			
	3076	15135	67.7	50.6	25	31.2	12.1		2.5	12.5			
	3034	15140	68.4	50.5	24	30.0	12.3	*	2.5	9.8			
	3138	15141	68.1	50.8	25	30.9	10.0		3.4	11.8			
	3190	15142	68.3	49.0	18	23.5	10.0		3.4	9.9			
	3284	15143	68.1	48.2	17	22.2	10.5		2.6	9.0			
	3367	15144	67.9	48.2	18	22.6	11.1		2.8	10.7			
	3430	15145	67.5	49.3	24	29.5	12.2		2.7	9.0			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-092
AIRCRAFT DATA FLIGHT NUMBER 15 DATA DATE 10/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	3482	15150	67.2	49.3	24	30.0	13.8		2.3	8.2			
	3503	15151	67.2	49.0	20	25.6	12.5		2.5	8.4			
	3534	15152	67.2	48.8	20	25.3	11.8		2.6	7.9			
	3492	15153	67.9	48.9	19	24.1	12.2	*	2.6	8.5			
	3492	15154	68.0	48.9	19	23.9	12.1		2.5	8.4			
	3451	15155	68.4	48.8	18	22.8	12.2		2.5	8.3			
	3451	15160	68.4	49.0	18	23.3	14.9		2.5	8.0			
	3461	15161	68.3	48.9	18	23.3	18.3		2.8	9.0			
	3492	15170	68.2	49.0	19	23.7	10.5		2.1	25.6			
	3461	15180	68.5	48.0	16	20.9	11.2		2.1	6.6			
COMMERCE	3128	15213	67.5	49.5	24	29.8	11.6		2.1	6.4			
	3055	15214	67.3	50.1	25	31.1	11.6		1.9	6.9			
	3034	15215	67.2	50.2	25	31.4	11.7	*	1.9	8.0			
	2919	15220	67.5	49.8	24	30.3	11.8		1.6	8.1			
	2826	15221	67.1	51.5	31	36.5	12.0		1.7	8.3			
	2753	15222	66.8	52.6	36	38.3	9.6		2.2	9.7			
	2628	15223	67.2	54.4	40	42.6	8.1		3.4	13.0			
	2555	15224	67.0	56.1	50	46.9	9.1		1.4	18.2			
	2513	15225	66.9	56.3	55	49.5	10.1	*	1.4	18.6			
	2409	15230	67.7	54.1	38	41.7	9.9		1.4	18.2			
	2315	15231	68.4	52.9	35	39.6	9.7		1.3	16.2			
	2211	15232	68.5	51.1	28	34.1	10.0		1.3	13.3			
	2159	15233	68.2	52.0	30	35.7	9.7		1.2	13.3			
	2076	15234	67.8	53.5	37	40.9	9.8		1.2	15.7			
	2013	15235	67.4	53.2	37	41.1	10.0	*	0.5	23.3			
	1972	15240	67.5	53.2	37	40.9	8.5		1.9	14.9			
	1816	15241	65.8	53.7	43	43.3	9.4		1.7	12.9			
	1774	15242	64.9	55.2	55	47.9	10.5		1.3	12.6			
	1659	15243	63.3	57.0	70	52.8	12.8		1.5	14.4			
	1472	15244	62.3	57.8	74	54.1	9.1		0.9	11.7			
	1472	15245	61.2	57.7	81	54.8	8.6	*	0.9	10.2			
	1378	15250	61.2	57.7	81	54.8	8.6		0.6	8.4			
	1222	15251	61.5	57.9	81	54.8	7.6		0.0	28.2			
	1076	15252	62.2	58.2	80	56.5	7.9		0.0	28.1			
	993	15253	62.2	58.4	81	56.6	8.1	*	0.6	7.6			
	951	15254	61.9	58.4	81	56.8	8.6		0.6	6.5			
	816	15255	62.0	58.5	81	56.8	5.8		2.2	9.3			
	743	15260	63.1	58.8	80	56.3	7.7		0.3	11.0			
	733	15261	63.1	59.0	80	56.4	7.7	*	0.2	10.3	2.5	8.2	1.6
	754	15262	63.4	59.0	80	56.2	7.6		0.4	14.0			
	764	15263	63.2	59.0	80	56.3	7.6		0.4	10.4			
	878	15264	62.3	58.8	81	56.8	7.7		0.4	10.5			
	941	15265	62.0	58.6	81	56.8	6.8		0.6	10.1			
	1003	15270	62.0	58.7	82	56.9	7.2		0.7	5.7			
	1035	15271	62.0	58.4	81	56.7	7.6		0.4	7.4			
	1149	15272	61.6	58.2	87	56.8	9.2		0.7	6.8			
	1180	15273	61.8	58.1	81	56.7	9.6		0.7	5.7			
	1201	15274	61.5	58.0	81	54.8	8.3		0.7	6.4			
	1337	15275	60.8	57.8	82	55.2	8.6		0.9	6.3			
	1430	15280	60.4	57.5	82	55.3	8.8		1.0	6.0			
	1472	15281	60.2	57.3	82	55.3	8.8		1.0	6.3	4.4	7.7	1.7

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AIRCRAFT DATA FLIGHT NUMBER 15 DATA DATE 10/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE	1472	15282	60.8	57.1	80	54.7	8.8	0.9	6.4			
	1514	15283	60.5	57.1	81	54.9	8.9	1.1	5.9			
	1555	15284	60.8	57.0	80	54.6	8.6	1.1	6.4			
	1555	15285	61.5	57.0	79	54.1	9.5	0.9	8.0			
	1587	15290	62.9	56.7	71	52.9	8.4	1.5	10.8			
	1597	15291	64.7	55.1	55	48.0	7.3	2.8	12.0			
	1691	15292	65.4	53.9	44	43.9	9.0	1.1	43.5			
	1764	15293	65.4	53.5	44	43.5	9.9	0.6	14.8			
	1795	15294	65.4	53.5	44	43.5	9.1	0.7	33.9			
	1878	15295	66.9	53.8	42	42.2	9.6	1.2	15.9			
	1961	15300	66.9	52.9	40	41.3	9.5	1.1	14.6			
	2013	15301	67.0	52.1	35	37.4	9.4	0.9	14.4			
	2086	15302	67.2	53.2	38	41.3	8.5	0.6	25.9			
	2170	15303	67.7	52.0	31	36.4	8.6	0.7	25.0			
	2201	15304	68.0	51.0	29	34.7	10.0	1.4	10.3			
	2315	15305	67.8	51.1	30	35.1	10.9	1.2	9.4			
	2378	15310	67.3	53.5	38	41.5	12.8	1.7	11.5			
	2399	15311	67.4	54.5	44	45.0	10.0	1.5	13.9			
	2461	15312	66.9	54.7	48	45.7	10.0	1.7	14.9			
	2482	15313	67.2	56.4	51	49.3	10.7	1.6	15.9			
	2503	15314	67.2	56.6	52	49.5	10.1 *	1.6	16.7			
	2545	15315	67.1	57.0	52	49.9	10.1	1.7	18.9			
	2565	15320	67.3	56.4	51	49.2	8.0	2.8	19.2	0.8	2.8	2.0
	2576	15321	67.5	56.0	46	46.3	7.9	3.7	18.6			
	2524	15322	67.9	56.4	50	48.7	8.9	2.0	18.7			
	2555	15323	67.3	56.1	46	46.6	10.2	1.4	19.9			
	2545	15324	67.7	55.8	45	46.0	9.7	1.4	18.8			
	2586	15325	67.2	56.7	52	49.5	10.0	1.3	20.9			
	2670	15330	67.0	55.9	49	46.7	10.0	1.5	20.8			
	2701	15331	67.2	55.5	45	46.1	10.1	1.6	20.3			
	2774	15332	67.5	54.3	39	42.1	10.1	1.6	18.8			
	2867	15333	67.9	50.0	24	30.0	10.2	1.6	13.6			
	2919	15334	68.2	49.4	23	28.5	10.2	1.7	11.5			
	2971	15335	68.6	49.2	22	27.4	9.8	1.6	11.4			
	3044	15340	68.6	49.0	18	22.8	10.0	1.6	10.0			
	3107	15341	68.4	49.1	22	27.6	9.8	1.6	9.9			
	3096	15342	68.9	49.4	20	27.2	9.5	1.6	9.5			
	3055	15343	69.3	49.6	20	26.9	9.5	1.5	10.0			
	3055	15344	69.2	49.7	20	27.2	9.5 *	1.5	10.5			
	3044	15350	69.1	49.2	20	26.5	9.5	1.7	8.4			
EL MONTE	2378	15385	66.1	57.2	58	50.8	7.4	0.9	21.8	0.9	4.9	5.6
	2347	15390	66.2	57.5	58	51.0	7.3	0.9	21.1			
	2347	15391	65.7	57.6	59	51.5	7.1	0.9	21.6			
	2399	15392	66.4	56.9	57	50.4	7.3	1.0	21.1			
	2451	15393	66.9	56.4	55	49.5	7.1	1.1	22.7			
	2503	15394	66.2	56.1	51	47.6	6.0	1.8	23.6			
	2482	15395	66.8	56.1	50	47.0	6.1	2.1	22.0			
	2513	15400	66.1	56.5	57	50.3	6.7	1.6	22.9			
	2326	15401	66.1	56.8	57	50.5	7.0	0.8	21.1			
	2274	15402	63.3	57.7	72	53.4	6.6	0.7	19.7			
	2191	15403	63.2	57.9	72	53.6	6.4	0.6	19.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-094
AIRCRAFT DATA FLIGHT NUMBER 15 DATA DATE 10/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2097	15404	62.9	57.6	72	53.6	6.2		0.6	18.7			
	2055	15405	62.7	57.2	72	53.4	5.9		0.5	18.8			
	1993	15410	62.6	57.2	72	53.5	6.1	*	0.5	20.2			
	1961	15411	62.4	57.3	73	53.7	6.0		0.6	19.4			
	1930	15412	62.6	57.3	72	53.6	6.4		0.6	17.5			
	1909	15413	62.6	57.5	73	53.7	6.6		0.7	15.7			
	1920	15414	62.6	57.3	72	53.6	6.2		0.7	16.5			
	1930	15415	62.9	57.3	72	53.4	6.1		0.6	16.3			
	1941	15420	63.0	57.4	72	53.4	6.1		0.6	16.5			
	1951	15421	62.9	57.4	72	53.4	6.2		0.7	17.7			
	1930	15422	63.0	57.3	72	53.3	5.8		0.7	17.7			
	1889	15423	62.7	57.3	72	53.5	5.5		0.7	17.7			
	1857	15424	62.9	57.7	73	53.6	6.0		0.6	15.2			
	1847	15425	63.0	57.8	73	53.6	5.8		0.6	15.1			
	1816	15430	62.6	57.9	73	54.0	4.9		0.0	38.8			
	1857	15431	62.4	57.8	74	54.1	5.5		0.5	11.9			
	1909	15432	63.3	57.5	71	53.2	5.4		0.5	14.6			
	1868	15433	63.8	57.3	66	52.7	5.4		0.4	16.4			
	1764	15434	63.4	57.7	72	53.3	5.3		0.4	12.6			
	1712	15435	63.3	57.8	72	53.4	5.0		0.3	12.3			
	1691	15440	62.6	57.9	73	54.0	5.0		0.3	11.4			
	1555	15441	62.5	57.9	74	54.1	4.8		0.3	9.2			
	1482	15442	62.4	58.1	80	56.3	4.2		0.3	8.5			
	1420	15443	62.2	58.2	80	56.5	4.7		0.2	8.4			
	1389	15444	62.3	58.4	81	56.5	4.1	*	0.4	9.3			
	1274	15445	62.7	58.7	80	56.5	4.3		0.1	10.0			
	1170	15450	63.1	58.8	80	56.3	4.1		0.0	8.7			
	1108	15451	63.4	59.0	80	56.2	4.1		0.0	9.6			
	1097	15452	63.1	59.2	81	56.5	4.0		0.0	8.2			
	1045	15453	63.4	59.3	80	56.4	3.9		0.1	7.7			
	1024	15454	63.7	59.3	75	56.2	3.8		0.1	6.7			
	1097	15455	63.4	59.3	80	56.4	3.9		0.2	9.0			
	1118	15460	63.2	59.3	81	56.5	3.8		0.2	7.9	1.4	8.8	3.1
	1118	15461	63.5	59.3	75	56.3	3.7		0.2	7.0			
	1108	15462	63.6	59.5	75	56.4	3.7		0.2	7.1			
	972	15463	64.5	59.6	74	55.9	3.3		0.2	5.8			
	868	15464	65.1	59.9	79	57.6	3.4		0.2	5.3			
	806	15465	65.5	60.0	73	57.5	3.3		0.0	4.8			
	733	15470	65.7	60.2	73	57.5	3.3		0.0	5.8			
	691	15471	66.3	60.2	72	57.1	3.1		0.1	7.8	1.7	11.3	3.6
	681	15472	66.8	60.3	72	56.8	3.1		0.1	7.1			
	681	15473	67.0	60.5	72	56.8	3.1		0.1	6.1			
	701	15474	66.9	60.5	72	56.9	3.3		0.1	4.9			
	743	15475	66.5	60.4	72	57.1	3.3		0.1	5.2			
	878	15480	65.1	60.0	79	57.7	3.3		0.1	5.6			
	951	15481	64.7	59.6	73	55.7	3.6		0.2	5.4			
	972	15482	64.5	59.6	74	55.9	3.5		0.2	5.4			
	1128	15483	63.6	59.2	75	56.2	3.6		0.3	5.8			
	1128	15484	62.9	58.9	80	56.5	3.0		0.4	6.1			
	1087	15485	63.4	59.0	80	56.2	3.4		0.1	8.3			
	1055	15490	63.3	59.0	80	56.3	3.4		0.1	9.0			

SCOTT RESEARCH LABORATORIES CPA70-611+211136R043 - RUN DATE 02/04/70-095
AIRCRAFT DATA FLIGHT NUMBER 15 DATA DATE 10/27/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	1055	15491	63.2	59.0	80	56.3	2.8	0.1	30.4			
	1035	15492	63.4	59.1	80	56.3	3.3	0.2	8.8			
	1024	15493	63.4	59.3	80	56.4	3.3	0.1	7.5			
	1003	15494	63.9	59.5	75	56.2	3.2	0.2	6.7			
	993	15495	64.2	59.6	74	56.1	3.2	0.1	7.1			
	951	15500	64.3	59.6	74	56.0	3.1	0.0	6.6			
	931	15501	64.4	59.8	74	56.1	2.7	0.2	4.9			
	847	15502	64.7	59.9	79	57.9	2.6	0.1	4.3			
	837	15503	64.7	59.9	79	57.9	2.9	0.0	4.9			
	774	15504	64.7	60.0	80	58.0	2.8	0.0	4.9			
	722	15505	65.2	60.1	79	57.7	2.7	0.1	5.2			
	681	15510	65.5	60.2	74	57.6	2.5	0.0	5.6			
	516	15511	65.8	60.4	74	57.5	2.6	0.1	5.2			
	429	15512	66.3	60.6	73	57.3	2.5	0.0	5.2			
	342	15513	66.8	61.0	73	57.3	2.5	0.0	4.6			
	326	15514	67.0	61.6	74	57.5	2.5	0.0	4.8			
	334	15515	66.4	62.8	82	60.6	2.5	0.0	4.2			
	334	15520	66.3	62.8	82	60.6	2.6	0.0	3.9			
	334	15521	66.4	62.9	82	60.6	2.6	0.0	3.7			
	334	15522	66.3	62.9	82	60.7	2.6	0.0	3.3			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-096
AIRCRAFT DATA FLIGHT NUMBER 16 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	333	10195	66.6	57.9	58	51.0	23.2	0.2	5.6			
	333	10200	65.3	58.2	66	54.3	23.4	0.2	5.8			
-- .. .. -	333	10201	65.5	58.4	66	54.3	24.0	0.2	5.6			
	333	10202	65.5	58.4	66	54.3	23.4	0.1	29.5			
	333	10203	65.0	57.6	64	52.0	23.3	0.5	5.9			
	333	10204	67.0	56.7	55	49.7	22.6	1.1	7.3			
	404	10205	65.0	55.8	56	48.4	24.0	1.1	9.4			
	428	10210	65.0	56.1	57	48.6	23.7	1.5	9.9			
	492	10211	64.9	56.0	57	48.6	23.0	1.5	9.4			
	579	10212	64.8	56.0	57	48.7	22.4	2.2	8.2			
	627	10213	64.7	55.8	57	48.6	27.1	2.1	8.9			
	719	10214	65.7	55.9	52	47.8	26.7	2.2	8.5			
	751	10215	64.8	55.7	56	48.5	26.6	* 2.5	7.9			
	823	10220	67.0	54.4	43	42.8	34.6	2.8	8.1			
	917	10221	66.6	52.7	40	41.4	24.6	3.2	9.7			
	969	10222	66.7	53.5	41	42.1	25.0	2.8	12.3			
	980	10223	67.0	53.5	41	41.8	26.1	* 2.6	11.2			
	1105	10224	66.6	53.2	41	41.9	20.8	3.7	10.8			
	1188	10225	66.5	53.2	41	42.0	21.3	3.8	13.3			
	1230	10230	66.8	52.8	40	41.3	29.8	2.9	15.3			
	1313	10231	66.8	52.4	35	38.0	29.7	3.1	14.6			
	1365	10232	67.2	52.2	32	37.3	22.0	4.0	14.6			
	1427	10233	67.7	52.3	32	36.8	29.4	3.2	12.6			
	1511	10234	67.8	51.6	30	35.7	31.2	3.0	12.4			
	1646	10235	67.5	51.4	31	35.9	31.1	3.3	11.8			
	1740	10240	67.7	51.5	30	35.7	29.3	3.3	12.2			
	1823	10241	67.8	51.4	30	35.5	27.0	3.8	10.1			
	1896	10242	67.7	51.4	30	35.6	33.5	3.9	9.2			
	1969	10243	67.5	51.4	31	35.9	29.9	3.5	9.3			
	1906	10244	67.3	51.2	31	35.9	28.7	3.5	8.8			
	1813	10245	67.4	50.8	26	32.0	28.5	3.6	8.9			
	1719	10250	67.9	51.2	30	35.1	26.6	3.6	8.9			
	1594	10251	67.9	51.5	30	35.5	27.2	3.0	9.1			
	1490	10252	68.2	51.5	30	35.1	27.2	2.8	9.0			
	1396	10253	68.0	52.6	32	36.8	28.2	2.7	9.3			
	1302	10254	68.0	52.9	36	40.0	42.0	3.1	10.3			
	1188	10255	67.9	53.5	37	40.8	40.5	2.9	10.8			
	1094	10260	67.9	54.2	38	41.6	30.7	0.0	11.7			
	1084	10261	67.1				17.9		12.8			
	1042	10262	67.1				28.6		16.5			
	1021	10263	67.3				28.7		16.1			
	1001	10264	67.7				28.4		16.0			
	1032	10265	67.7				28.6		15.3			
	1053	10270	67.9				19.0		20.0			
	1063	10271	68.0				29.4		18.9			
	1073	10272	67.7				29.0		18.1			
	1063	10273	67.7				28.8		16.7			
	1032	10274	67.1				28.6		16.5			
	1021	10275	67.0				34.1		14.1			
	1011	10280	66.6				42.5		10.7			
	917	10281	65.6				28.4		10.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-097
AIRCRAFT DATA FLIGHT NUMBER 16 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	813	10282	65.5				29.1			9.9			
	730	10283	65.3				22.6			9.9			
	587	10284	65.7				27.0			9.9			
	492	10285	65.7				28.1			9.9			
	412	10290	66.2				27.0			10.5			
	341	10291	67.1				23.8			9.8			
	333	10292	66.0				23.8			8.2			
	341	10293	66.1				24.2			10.9			
	333	10294	67.0				25.2			9.2			
	333	10300	66.2				24.5			7.9			
	333	10325	68.1	59.5	59	53.3	23.2		0.6	7.3			
	357	10330	67.5	58.6	59	53.0	21.7		1.5	8.7			
	420	10331	67.1	58.1	59	53.0	23.3		1.4	10.2			
	492	10332	66.8	57.1	56	50.2	24.5		1.7	10.5			
	571	10333	66.4	56.7	56	50.2	23.5		1.8	10.7			
	699	10334	65.8	56.7	57	50.7	23.7		2.2	10.1			
	751	10335	65.8	56.4	57	50.4	25.6	*	2.2	9.7			
	803	10340	65.2	56.2	56	48.5	29.7		2.4	9.0			
	896	10341	64.9	55.8	56	48.3	32.5		2.7	9.2			
	990	10342	65.7	55.4	51	47.4	28.4		2.7	9.2			
	948	10343	65.3	55.4	51	47.8	27.2	*	2.6	8.8			
	1094	10344	66.1	54.4	44	43.7	22.4		3.5	10.6			
	1146	10345	65.9	53.7	43	43.2	22.7		3.4	12.4			
	1219	10350	65.9	53.6	43	43.1	22.7		3.8	11.9			
	1323	10351	67.6	52.9	37	40.5	23.7		3.9	13.4			
	1386	10352	68.0	52.6	32	36.8	23.8		3.8	14.2			
	1448	10353	68.0	52.4	31	36.5	30.1		3.3	12.6			
	1480	10354	67.5	52.3	32	37.0	29.3	*	3.3	11.9			
	1490	10355	67.9	52.4	31	36.6	30.5		3.3	13.4			
	1573	10360	67.7	52.1	31	36.5	31.7		3.3	13.4			
	1698	10361	68.1	51.7	30	35.5	31.2		3.2	13.6			
	1761	10362	67.8	51.5	30	35.6	32.1		3.2	13.5			
	1823	10363	67.7	51.4	30	35.6	31.7		3.2	12.9			
	1959	10364	67.5	51.1	30	35.5	31.9		3.3	12.2			
	1990	10365	67.3	50.9	30	35.5	30.0	*	3.4	12.1			
	2042	10370	67.6	51.0	30	35.2	30.7		3.5	12.0			
	2167	10371	66.7	51.1	33	36.5	29.9		3.7	11.8			
	2281	10372	67.1	51.1	31	36.0	32.0		3.9	11.4			
	2333	10373	67.3	51.2	31	35.9	37.4		3.9	9.9			
	2396	10374	67.1	50.9	30	35.7	42.1		3.8	9.9			
	2448	10375	67.0	50.9	32	35.9	39.2		3.9	10.4			
	2469	10380	67.3	50.9	30	35.5	32.7	*	3.7	10.8			
	2531	10381	67.4	50.9	30	35.3	29.8		3.9	10.6			
	2604	10382	68.6	50.0	23	28.8	30.8		4.1	10.0			
	2656	10383	68.5	50.3	24	29.5	30.7		4.4	9.3			
	2708	10384	68.4	50.4	24	29.8	31.7		4.5	9.2			
	2792	10385	68.0	50.1	24	30.0	31.0		4.6	8.9			
	2844	10390	67.9	50.0	24	30.0	32.0		4.6	8.7			
	2906	10391	67.6	49.7	24	30.0	31.5		4.7	9.1			
	2927	10392	67.9	49.7	24	29.5	33.4	*	4.6	8.4			
	2937	10393	68.3	49.8	23	29.0	32.4		4.6	8.7			

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AIRCRAFT DATA FLIGHT NUMBER 16 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2989	10394	68.2	49.9	23	29.3	31.2		4.7	8.5			
	3094	10395	67.5	49.6	24	30.0	30.1		5.1	8.0			
	3187	10400	67.5	49.9	25	30.4	27.0		5.2	8.7			
	3250	10401	68.4	49.7	23	28.6	26.7		5.2	10.9			
	3312	10402	68.2	49.3	22	28.3	26.5		5.5	8.5			
	3396	10403	68.0	49.2	23	28.5	25.6		5.6	7.0			
	3458	10404	67.9	49.1	23	28.5	23.3		5.7	11.3			
	3468	10405	67.7	49.0	19	24.7	31.9	*	5.1	7.7			
	3489	10410	67.5	48.9	20	24.9	31.7		5.0	7.5			
	3489	10411	67.7	48.9	19	24.5	28.3		5.7	7.4			
	3468	10412	67.6	49.2	23	29.1	33.7		5.5	7.6			
	3531	10413	67.3	49.2	24	29.6	47.7		5.4	6.6			
	3604	10414	67.4	48.6	19	24.5	38.3		4.9	6.9			
	3687	10415	67.8	48.5	18	23.5	36.2		4.9	7.1			
	3760	10420	67.5	48.3	19	23.7	38.2		5.0	7.0			
	3802	10421	67.5	48.0	18	23.1	35.0		5.2	6.8			
	3875	10422	67.2	47.6	18	22.8	31.2		5.4	6.8			
	3947	10423	66.9	47.1	15	17.7	33.9		5.3	6.8			
	3989	10424	66.8	46.8	15	17.2	33.5		5.3	6.7			
	3947	10425	67.4	46.5	13	14.7	36.5	*	5.2	5.6			
	3989	10430	67.1	46.3	13	15.0	33.2		5.4	6.3			
	3999	10431	67.0	45.7	13	13.5	31.5		5.5	5.6			
	3999	10432	67.2	45.7	12	12.9	33.7		5.3	5.4			
COMMERCE	3094	10470	68.6	47.1	12	12.9	47.1		5.0	5.0			
	3010	10471	68.6	47.7	16	19.9	25.9		5.4	13.6			
	2927	10472	69.0	47.8	14	19.2	32.7		4.0	7.7			
	2885	10473	68.9	48.5	16	21.1	32.3	*	3.8	8.7			
	2833	10474	69.0	48.9	16	21.8	33.1		4.3	9.0			
	2667	10475	69.9	50.0	20	26.5	33.3		4.2	8.7			
	2604	10480	69.6	50.4	21	27.8	31.3		4.2	10.3			
	2521	10481	69.4	50.5	21	28.3	32.9		4.1	10.4			
	2458	10482	68.9	50.0	21	28.3	31.6	*	4.1	12.0			
	2375	10483	68.1	49.7	23	29.1	28.2		4.4	13.4			
	2344	10484	67.9	50.4	25	30.6	20.6		5.7	10.3			
	2198	10485	68.6	50.6	24	29.8	21.2		5.9	10.6			
	2125	10490	68.4	50.2	24	29.5	25.8		6.0	10.3			
	2073	10491	68.8	50.2	23	28.8	37.8		5.3	9.7			
	1990	10492	69.4	51.1	25	32.8	29.2	*	4.7	9.7			
	1938	10493	69.4	50.6	21	28.5	30.2		4.2	11.9			
	1802	10494	68.6	49.9	23	28.6	32.5		3.7	10.0			
	1719	10495	69.9	49.0	15	19.9	31.4		3.6	8.3			
	1625	10500	67.9	49.2	23	28.6	30.3		3.1	9.9			
	1521	10501	67.7	49.4	23	29.3	30.8		2.7	10.8			
	1448	10502	69.0	49.6	20	27.4	30.4	*	2.6	12.7			
	1417	10503	66.2	49.8	28	32.3	31.2		2.1	16.8			
	1417	10504	66.0	49.8	28	32.6	31.8		1.7	16.9			
	1344	10505	65.1	49.7	32	33.7	46.7		2.7	13.4			
	1271	10510	66.1	49.7	28	32.3	24.8		3.8	12.8			
	1188	10511	66.4	53.0	41	41.9	21.9		3.4	22.1			
	1042	10512	65.0	53.7	48	44.1	28.6		1.5	22.8			
	980	10513	65.0	56.3	62	51.0	28.6	*	1.5	14.2			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	876	10514	65.4	57.3	59	51.5	30.6		2.6	15.6			
	740	10515	66.5	57.1	57	50.4	23.9		2.2	16.7			
	709	10520	66.5	57.9	58	51.1	23.2	*	2.2	15.5	0.8	15.3	6.4
	719	10521	66.5	57.6	58	50.8	23.1		1.5	23.0			
	771	10522	66.1	57.9	59	51.4	22.3		2.0	19.5			
	865	10523	65.6	57.9	60	51.8	23.7		2.1	15.4			
	928	10524	65.5	57.1	59	51.2	24.6		2.5	17.7			
	959	10525	65.8	57.6	59	51.4	28.3		2.6	17.5			
	959	10530	66.6	55.7	50	46.9	27.2		2.3	15.8			
	1011	10531	66.0	55.3	50	47.0	16.8		4.4	14.4	1.5	5.8	5.8
	1021	10532	66.3	55.0	49	46.5	18.5		4.6	13.3			
	1011	10533	66.2	57.0	57	50.6	30.5		3.5	14.3			
	1125	10534	66.0	55.0	50	46.8	24.8		3.1	11.6			
	1209	10535	64.4	55.6	57	48.7	29.4		3.2	10.0			
	1250	10540	67.1	51.4	31	36.4	28.9		3.0	11.1			
	1282	10541	66.9	52.1	35	37.5	25.8		3.6	11.7			
	1323	10542	66.2	50.8	30	33.7	30.4		4.2	12.5			
	1407	10543	67.1	50.0	25	31.2	30.4		3.5	12.8			
	1448	10544	66.4	49.8	28	32.0	30.2		3.9	13.0			
	1480	10545	66.9	49.6	27	30.9	30.7	*	3.5	12.3			
	1511	10550	68.8	49.4	22	27.4	28.9		3.3	11.8			
	1542	10551	68.8	49.4	22	27.4	29.5		3.1	11.2	2.5	2.2	1.3
	1615	10552	68.6	49.4	22	27.8	42.5		3.0	12.0			
	1677	10553	65.8	49.7	29	32.7	48.1		3.0	13.7			
	1698	10554	68.1	49.2	22	28.3	26.3		4.2	12.0			
	1771	10555	69.7	48.9	15	20.2	28.2		3.5	14.0			
	1834	10560	68.8	49.0	18	22.4	32.3		3.1	13.2			
	1844	10561	68.4	48.9	18	23.1	31.1		3.4	14.5			
	1927	10562	69.1	49.7	20	27.4	32.5		4.0	15.2			
	1969	10563	69.0	50.5	22	29.0	32.5		4.0	14.8			
	1969	10564	69.1	50.3	21	28.5	32.2	*	3.8	13.2			
	1948	10565	69.3	49.9	20	27.4	37.2		4.0	15.1			
	1927	10570	69.2	49.8	20	27.4	37.1		4.0	12.0			
	1927	10571	69.5	49.7	20	26.7	30.8		3.9	10.2			
	1917	10572	69.9	49.4	19	25.4	30.6		3.4	9.5			
	1886	10573	70.1	49.4	18	25.0	28.8		3.4	9.5			
	1906	10574	69.9	49.4	19	25.4	29.9		3.3	8.9			
	1875	10580	71.7	49.8	16	22.5	30.9		3.1	8.7			
	1729	10590	71.1	49.7	16	23.6	29.4		3.1	8.6			
	3427	11050	66.7	48.0	21	24.7	23.0		4.9	7.4			
SPECIAL	3437	11082	65.7	48.1	22	26.8	45.5		4.1	7.6			
	3406	11083	66.0	47.7	21	25.5	34.9		4.0	7.3			
	3396	11084	66.4	48.4	22	26.0	37.1		3.9	8.1			
	3375	11085	66.5	48.6	22	26.2	35.2		3.9	7.9			
	3333	11090	66.0	48.6	23	27.1	42.1		3.9	7.6			
	3323	11091	65.3	48.0	23	27.3	42.3		4.2	7.2			
	3229	11092	66.0	47.7	21	25.5	32.8		3.9	7.1			
	3125	11093	66.6	46.9	15	17.9	32.5		3.7	7.3			
	3000	11094	66.6	46.0	14	15.5	29.2		3.8	7.9			
	2896	11095	67.3	46.3	12	14.4	23.1		4.2	6.5			
	2885	11100	67.3	46.3	12	14.4	33.9		3.4	8.1			

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AIRCRAFT DATA FLIGHT NUMBER 16 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	2823	11101	67.7	46.5	12	13.8	34.7	3.3	7.9			
	2781	11102	68.2	46.8	12	13.2	34.3	3.4	7.3			
	2708	11103	68.9	47.3	14	18.2	31.7	3.5	6.9			
	2708	11104	68.8	47.5	15	19.0	27.4	3.9	7.5			
	2687	11105	69.0	47.8	14	19.2	28.9	3.9	6.6			
	2656	11110	69.1	47.8	14	19.0	30.6	3.9	6.8			
	2635	11111	69.0	47.7	14	19.0	31.5	3.9	6.6			
	2594	11112	68.8	47.7	16	19.5	34.1	3.7	6.3			
	2542	11113	69.0	47.7	14	19.0	39.1	3.5	6.7			
	2510	11114	69.1	47.7	14	18.7	35.2	3.3	7.9			
	2427	11115	69.0	47.7	14	19.0	33.4	3.3	7.6			
	2396	11120	69.2	47.7	14	18.5	33.3	3.3	7.2			
	2365	11121	69.0	48.6	16	21.1	38.4	3.3	7.6			
	2323	11122	69.0	48.9	16	21.8	44.9	3.4	7.8			
	2177	11123	69.4	48.6	15	20.2	38.2	3.2	6.9			
	2156	11124	69.2	49.1	19	26.1	33.9	3.1	8.0			
	2073	11125	69.9	49.1	18	24.8	33.1	3.1	7.5			
	1969	11130	70.0	49.0	15	19.7	32.0	3.0	6.8			
	1823	11131	70.8	49.1	16	23.0	33.0	2.8	7.2			
	1709	11132	70.6	49.4	18	24.0	32.8	2.7	7.9			
	1563	11133	71.3	49.6	16	23.0	32.8	2.6	7.7			
	1427	11134	71.7	50.2	16	23.4	30.4	2.9	7.8			
	1313	11135	71.7	50.5	17	24.0	21.1	3.8	10.0			
	1125	11140	72.5	50.8	15	23.0	14.6	4.9	10.6			
	1001	11141	73.3	51.2	17	26.6	29.1	2.0	10.9			
	938	11142	71.8	51.2	21	29.3	28.6	2.0	10.7			
	865	11143	66.8	53.8	42	42.3	28.7	1.9	8.7			
	844	11144	68.4	55.0	43	44.5	29.6	1.8	6.4			
	834	11145	65.5	58.6	66	54.5	36.9	2.1	5.6			
	834	11150	66.0	57.5	58	51.2	30.7	1.6	6.0			
	823	11151	66.0	58.4	65	54.0	29.8	1.8	5.2			
	834	11152	66.3	58.2	64	53.6	31.0	* 1.6	6.1			
	834	11153	66.8	57.6	57	50.6	29.1	2.0	6.4			
	834	11154	66.4	59.3	66	54.3	28.4	2.1	4.9			
	782	11155	66.7	58.6	64	53.6	29.9	1.9	4.5			
	730	11160	67.0	58.7	64	53.5	16.9	3.4	4.3			
	627	11161	67.0	58.7	64	53.5	24.6	1.7	4.4			
	571	11162	67.0	59.0	64	53.7	24.1	2.0	5.1			
	476	11163	67.3	59.7	61	54.0	28.1	1.1	6.8			
	380	11164	67.8	60.0	65	55.9	22.7	0.5	7.1			
	309	11165	68.4	60.5	65	55.9	24.2	0.6	6.1			
	86	11170	68.8	60.9	65	55.9	23.7	0.7	3.7			
	55	11171	69.5	61.3	61	55.7	22.9	0.2	4.3			
	71	11172	69.4	62.2	67	58.4	22.8	0.2	2.8			
	71	11173	68.9	63.3	70	59.4	22.8	0.1	2.2			
	78	11174	69.2	63.7	75	61.4	23.1	0.2	1.9			
	71	11175	69.3	63.7	75	61.4	22.6	0.2	1.9			
	78	11180	69.4	64.4	76	61.7	22.4	0.2	1.7			
	349	11262	68.9	60.8	61	55.7	24.7	0.7	7.2			
	428	11263	68.6	60.6	65	55.8	25.0	0.7	5.1			
	500	11264	67.7	60.0	66	56.0	29.9	1.1	4.3			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-101
AIRCRAFT DATA FLIGHT NUMBER 16 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
SPECIAL	595	11265	67.1	59.7	61	54.1	28.0		1.5	2.8			
	719	11270	66.4	59.6	66	54.5	24.2		1.8	2.1			
	740	11271	66.6	59.1	65	54.0	25.9	*	1.7	2.6			
	865	11272	65.5	59.2	67	54.9	23.2		2.1	5.2			
	990	11273	72.0	53.3	27	35.6	30.5		1.9	5.9			
	1001	11274	72.2	51.8	21	29.6	29.2	*	2.0	9.1			
	1188	11275	72.2	51.4	20	28.9	23.1		2.9	7.9			
	1344	11280	71.7	50.9	20	28.9	25.6		2.8	6.4			
	1427	11281	71.6	50.6	17	24.4	26.9		2.9	7.0			
	1563	11282	71.4	50.2	17	24.0	31.4		3.1	6.9			
	1532	11283	72.1	50.3	16	22.7	31.1	*	2.7	7.7			
	1667	11284	71.7	49.8	16	22.5	50.9		3.2	8.2			
	1761	11285	71.2	49.4	16	22.7	33.4		2.7	7.9			
	1844	11290	71.7	49.3	15	21.4	34.8		2.7	7.9			
	1959	11291	70.4	49.2	18	24.0	31.6		2.8	8.5			
	1990	11292	70.5	49.1	17	23.6	32.9	*	2.7	9.6			
	2083	11293	71.0	49.1	16	22.5	34.2		2.7	10.0			
	2156	11294	70.9	48.9	12	17.2	35.2		2.9	9.6			
	2271	11295	70.8	48.9	13	17.5	34.2		3.0	9.4			
	2313	11300	71.1	48.9	12	16.7	34.2		3.1	9.1			
	2333	11301	71.1	48.9	12	16.7	34.3		3.2	8.3			
	2406	11302	70.0	48.7	14	19.0	34.4		3.2	8.3			
	2458	11303	70.3	48.6	14	18.0	33.6		3.5	8.2			
	2469	11304	70.4	48.7	14	18.0	35.4	*	3.3	9.8			
	2417	11305	71.1	48.7	12	16.1	34.4		3.4	9.2			
	2396	11310	71.4	49.0	12	16.1	34.4		3.3	9.3			
	2417	11311	70.7	49.0	13	18.0	28.1		3.7	9.8			
	2417	11312	71.1	48.9	12	16.7	28.0		3.9	9.5			
	2417	11313	71.0	48.9	12	16.9	33.1		3.5	7.9			
	2417	11314	70.9	49.2	16	23.0	32.4		3.6	8.9			
	2427	11315	70.9	48.9	12	17.2	33.4		3.5	8.7			
	2427	11320	71.3	48.7	12	15.6	32.2		3.7	8.1			
	2417	11321	70.6	48.9	14	18.0	32.8		3.7	8.6			
	2427	11322	70.7	48.9	13	17.7	30.3		3.8	8.2			
	2385	11323	71.2	49.1	15	22.1	31.5		3.6	9.1			
	2385	11330	71.0	49.1	16	22.5	30.7		3.6	9.1			
	2354	11340	70.2	49.1	18	24.2	31.8		3.2	9.4			
COMMERCE	1427	11365	69.5	49.8	20	26.9	30.5	*	2.4	19.6			
	1344	11370	69.5	50.0	20	27.2	30.3		2.9	20.1			
	1250	11371	68.1	55.1	43	44.9	32.6		2.6	21.6			
	1188	11372	68.7	52.1	30	35.2	31.2		2.0	24.7			
	1136	11373	67.9	55.8	45	45.8	30.3		2.3	23.8			
	1053	11374	68.8	55.0	42	44.1	27.7		2.1	18.0			
	1021	11375	68.3	55.7	44	45.3	28.3	*	1.9	22.9			
	1105	11380	68.0	56.7	50	48.9	16.8		3.4	13.6			
	1063	11381	68.2	56.6	50	48.6	20.0		2.9	14.1			
	1011	11382	68.9	55.5	40	44.5	29.8		2.8	13.1			
	886	11383	69.2	55.8	40	44.5	35.1		2.0	12.0			
	813	11384	69.9	57.6	46	48.0	26.5		1.6	12.8			
	730	11385	69.9	57.2	45	47.7	21.1		1.8	13.1			
	709	11390	69.8	57.7	46	48.2	23.4	*	1.4	14.0	1.0	1.6	4.0

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-102
AIRCRAFT DATA FLIGHT NUMBER 16 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	730	11391	70.1	57.6	46	47.9	25.8		1.5	15.9			
	771	11392	70.1	57.3	45	47.6	27.6		1.8	14.4			
	876	11393	68.8	57.6	51	49.0	27.4		2.0	14.4			
	948	11394	68.1	57.4	51	49.4	20.6		2.5	15.1			
	1042	11395	69.5	56.1	40	44.5	25.7		2.7	13.9			
	1136	11400	67.6	56.7	51	49.2	33.5		1.9	15.8			
	1261	11401	68.8	54.7	42	43.8	31.9		2.1	15.0			
	1365	11402	69.5	51.5	26	33.3	33.7		2.1	13.7			
	1396	11403	69.7	50.3	20	27.4	31.2		2.1	13.9			
	1511	11404	70.2	49.8	19	25.5	31.7		2.1	15.5			
	1709	11410	70.6	50.2	19	25.5	34.0		2.0	12.7			
	1813	11411	71.7	50.3	16	23.6	33.4		2.3	11.1			
	1917	11412	71.7	50.6	17	24.2	33.3		2.2	11.2			
	2011	11413	70.2	49.9	19	25.7	33.9		2.1	12.2			
	2104	11414	70.5	50.0	19	25.4	33.8		1.7	17.7			
	2156	11415	70.7	50.9	22	30.6	37.1		2.1	13.3			
	2281	11420	70.3	50.9	24	31.2	38.5		2.1	16.3			
	2375	11421	69.7	50.6	21	27.9	35.6		2.5	16.2			
	2469	11422	69.5	50.0	20	27.2	35.2		2.7	13.9			
	2562	11423	69.3	50.3	21	28.1	35.2		2.8	11.6			
	2635	11424	69.1	50.3	21	28.5	39.7		2.9	11.7			
EL MONTE	3437	11454	67.9	47.0	13	14.7	31.0		3.8	7.7			
	3354	11455	68.4	47.4	16	19.7	30.6		3.7	6.9			
	3302	11460	68.5	47.8	16	20.4	31.3		3.6	6.9			
	3146	11461	69.0	48.0	15	19.7	29.4		3.7	8.6			
	3041	11462	67.9	48.3	18	22.8	30.5		3.5	7.4			
	2979	11463	67.5	49.2	23	29.3	31.1	*	3.5	10.6			
	2854	11464	67.9	49.3	23	28.8	31.0		3.9	9.4			
	2802	11465	68.1	49.2	22	28.3	37.7		3.4	9.1			
	2708	11470	68.4	49.3	22	27.9	36.5		3.1	9.3			
	2583	11471	69.3	49.7	20	27.0	33.9		2.9	9.7			
	2479	11472	69.7	49.8	20	26.5	43.5		2.8	9.9			
	2427	11473	69.7	49.9	20	26.7	42.4		3.1	9.2			
	2385	11474	70.1	50.1	19	26.3	31.9	*	2.8	9.2			
	2365	11475	70.3	49.8	19	25.4	29.1		3.1	8.9			
	2271	11480	69.9	49.7	19	25.9	19.7		4.7	9.3			
	2156	11481	70.0	49.9	19	26.1	19.9		4.4	8.4			
	2115	11482	69.5	49.7	20	26.7	27.3		3.8	9.1			
	2031	11483	68.8	50.6	24	29.5	46.5		3.3	8.3			
	1969	11484	70.5	50.7	20	26.7	34.0		2.6	6.2	1.6	4.1	3.9
	1948	11485	68.6	52.4	30	35.7	34.7	*	2.4	7.1			
	1927	11490	67.5	50.9	30	35.2	34.1		2.4	5.7			
	1854	11491	67.3	52.9	37	40.8	33.1		2.4	6.3			
	1771	11492	67.6	52.9	37	40.5	31.6		2.3	6.0			
	1657	11493	67.7	54.9	44	45.1	33.2		2.2	5.5			
	1552	11494	67.8	55.0	44	45.1	32.3		2.1	5.1			
	1490	11495	68.3	55.2	43	44.8	31.0		1.9	4.5			
	1282	11503	69.1	55.8	40	44.6	24.8		1.5	2.4			
	1209	11504	69.6	55.9	40	44.2	22.2		1.5	0.6			
	1178	11505	69.7	56.9	45	47.6	20.6		1.3	0.5			
	1136	11510	69.9	56.7	45	47.2	15.3		1.9	2.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-103
AIRCRAFT DATA FLIGHT NUMBER 16 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	1136	11511	69.3	57.0	46	48.0	22.8		1.2	3.3			
	1136	11512	69.7	57.3	46	47.9	25.2		1.4	4.4			
	1073	11513	70.0	56.8	45	47.2	26.5		1.1	3.7			
	1001	11514	70.0	57.2	45	47.6	28.5		1.3	2.5			
	990	11515	71.0	57.3	41	46.8	27.2		1.5	2.1			
	1042	11520	69.7	56.9	45	47.6	24.1	*	1.6	4.7			
	1053	11521	69.6	56.8	45	47.6	26.5		1.5	4.1			
	1073	11522	69.5	56.4	45	47.3	26.1		1.5	3.9	0.8	2.0	4.0
	1042	11523	69.8	56.1	40	44.2	25.9		1.3	3.7			
	1073	11524	69.6	56.5	45	47.3	28.1		1.3	4.3			
	1125	11525	69.1	56.0	41	44.8	27.0		1.4	12.1			
	1094	11530	69.5	55.3	39	43.7	38.7		1.6	20.3			
	1001	11531	70.0	55.7	39	43.6	33.8		1.4	27.0			
	928	11532	70.6	56.4	43	46.3	26.4		1.3	19.4			
	834	11533	70.9	56.4	40	46.1	30.9		1.2	16.8			
	761	11534	71.6	57.3	40	46.2	21.3		1.4	16.1			
	730	11535	71.7	57.5	40	46.3	25.5		0.8	15.7			
	699	11540	72.6	57.8	37	45.8	23.2	*	1.3	16.2	1.2	6.5	3.6
	719	11541	72.2	57.6	40	46.0	23.1		1.1	16.0			
	719	11542	73.4	58.2	41	48.0	23.2		1.0	15.3			
	803	11543	72.3	57.9	40	46.1	21.3		1.3	15.9			
	959	11544	70.1	57.8	46	48.0	24.2		1.5	15.9			
	1053	11545	70.0	57.5	46	47.9	23.2		0.2	29.3			
	1136	11550	69.2	57.2	46	48.3	21.9		2.0	16.6			
	1167	11551	68.7	57.2	50	48.7	20.2		2.3	16.2			
	1157	11552	68.6	57.1	50	48.7	17.8		2.6	17.2			
	1167	11553	68.4	56.7	50	48.5	24.9		0.6	26.2			
	1167	11554	68.8	56.8	49	48.3	26.3		1.6	22.0			
	1167	11555	68.7	56.9	50	48.5	25.9		0.6	35.8			
	1167	11560	69.1	56.4	45	47.7	26.1		1.0	29.9			
	1157	11561	69.3	56.6	45	47.7	27.1		2.0	20.5			
	1136	11562	69.4	56.5	45	47.5	27.2		1.7	19.3			
	1073	11563	69.7	56.8	45	47.5	24.1		1.5	19.3			
	1001	11564	69.9	56.4	44	47.0	24.4		1.4	17.6			
	948	11565	70.1	56.6	44	47.0	27.4		1.4	15.9			
	876	11570	70.7	56.8	41	46.6	37.3		1.5	15.3			
	813	11571	71.2	56.8	40	46.1	25.9		1.0	14.7			
	771	11572	71.4	57.7	41	46.8	27.6		1.5	15.1			
	709	11573	71.9	57.6	40	46.2	26.9		1.0	15.8			
	595	11574	72.2	58.0	40	46.3	24.9		1.0	14.5			
	476	11575	72.4	58.6	45	49.2	24.3		0.5	14.1			
	396	11580	73.1	59.0	42	48.9	22.2		0.6	14.2			
	372	11581	73.5	59.6	42	49.1	20.2		0.2	12.4			
	380	11582	73.9	62.5	54	55.7	20.6	*	0.2	12.2			
	380	11583	73.0	62.9	56	56.5	20.5		0.2	14.8			
	20	11584	73.3	63.4	56	56.7	19.9		0.2	13.5			
	380	11591	73.4	62.8	55	56.2	21.8		0.2	11.4			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-104
AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	336	14014	81.3	66.2	46	57.8	14.3		0.0	18.2			
	336	14015	81.3	65.3	45	57.3	14.2		0.1	17.9			
	336	14020	81.4	64.3	40	54.1	14.3		0.1	17.3			
	336	14021	81.8	64.0	37	53.6	14.2		0.1	17.7			
	336	14022	82.1	63.7	36	53.1	14.3		0.1	17.4			
	336	14023	82.2	63.9	37	53.2	14.2		0.1	16.9			
	336	14024	81.6	63.2	33	50.5	14.1		0.2	16.1			
	336	14025	82.2	63.9	37	53.2	14.4		0.1	16.8			
	336	14030	82.2	64.3	37	53.5	14.5		0.1	15.5			
	336	14031	82.4	64.9	37	53.8	14.4		0.1	15.7			
	336	14032	82.4	64.8	37	53.7	14.4		0.1	15.9			
	336	14033	82.5	64.7	37	53.6	14.4		0.1	16.0			
	336	14034	81.1	63.5	40	53.7	14.1		0.2	15.9			
	336	14035	80.7	64.1	41	54.4	14.2		0.1	16.0			
	328	14040	80.0	64.8	42	55.4	13.8		0.2	14.6			
	320	14041	78.9	63.6	44	55.3	13.7	*	0.3	18.7			
	336	14042	79.3	61.0	34	47.9	12.3		0.6	20.4			
	392	14043	79.3	59.6	29	43.8	13.2		0.6	25.4			
	455	14044	78.9	59.3	29	43.9	13.6		1.0	26.4			
	535	14045	77.8	58.9	32	44.6	14.2		0.8	24.2			
	698	14050	77.7	58.4	31	44.2	15.1		0.9	22.9			
	739	14051	77.2	58.2	32	44.5	16.4		1.0	19.6			
	739	14052	77.4	58.1	31	44.2	15.9	*	1.0	20.7			
	875	14053	77.1	57.7	28	41.1	16.4		1.2	24.8			
	937	14054	76.3	57.1	28	41.3	16.3		1.2	19.8			
	1031	14055	75.7	56.7	30	41.6	15.1		1.6	20.5			
	1322	14063	74.7	55.3	26	38.0	19.4		2.1	21.6			
	1406	14064	73.9	55.3	29	39.0	19.2		2.1	22.3			
	1479	14065	73.6	55.3	29	39.3	20.2		2.3	24.3			
	1572	14070	73.1	55.3	30	39.9	20.3		2.1	23.7			
	1531	14071	75.3	54.5	24	36.2	20.0	*	1.8	22.4			
	1687	14072	74.2	53.8	23	33.3	23.1		2.0	24.7			
	1801	14073	72.4	53.8	27	35.8	21.3		2.2	18.9			
	1885	14074	73.8	52.4	18	27.9	21.3		2.3	17.5			
	1947	14075	73.3	52.2	19	28.4	21.6		2.5	15.9			
	1978	14080	73.3	51.8	18	27.7	20.7		2.6	14.5			
	2072	14081	73.1	51.2	18	27.0	20.5	*	2.6	14.5			
	2082	14082	73.0	51.0	18	26.8	21.8		2.4	14.6			
	2166	14083	72.4	51.0	20	27.9	21.0		2.7	12.1			
	2249	14084	72.0	50.6	16	23.6	21.7		2.6	12.1			
	2301	14085	71.7	50.2	16	23.4	22.8		2.5	11.9			
	2374	14090	71.0	50.0	17	24.4	25.5		2.5	10.8			
	2426	14091	71.0	49.7	16	23.8	27.5		2.4	11.4			
	2499	14092	70.3	49.3	18	24.4	28.0		2.7	9.3			
	2561	14093	70.2	49.3	18	24.6	23.9		2.6	9.0			
	2530	14094	70.6	49.3	18	23.8	21.2	*	2.5	9.3			
	2624	14095	69.5	48.9	15	20.6	18.3		2.9	9.7			
	2718	14100	68.8	48.8	17	22.0	20.3		2.8	10.9			
	2749	14101	68.9	48.5	16	21.1	21.8		2.8	9.3			
	2780	14102	69.1	48.4	15	20.4	20.3		3.0	9.2			
	2863	14103	68.9	47.7	14	19.2	20.8		3.1	8.5			

SCOTT RESEARCH LABORATORIES CPA7C-611-21113SR043 RUN DATE 02/04/70-105
AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2916	14104	68.4	47.5	16	19.9	20.6		3.0	8.8			
	2978	14105	68.1	47.3	16	20.2	20.6		3.0	7.8			
	2989	14110	68.1	47.5	16	20.6	21.7	*	2.9	7.9			
	2999	14111	68.4	47.5	15	19.0	20.6		3.0	8.2			
	3082	14112	67.7	47.5	17	21.5	17.9		3.7	8.1			
	3113	14113	68.0	47.1	13	14.7	16.9		4.1	7.9			
	3238	14114	67.5	46.7	13	15.0	17.3		4.1	9.3			
	3249	14115	67.5	46.5	12	14.4	17.8		3.8	6.7			
	3311	14120	67.3	46.3	12	14.4	22.2		3.3	9.0			
	3384	14121	66.7	46.5	15	16.6	22.6		3.2	7.3			
	3436	14122	67.3	46.3	12	14.4	21.8		3.3	7.9			
	3519	14123	66.3	46.3	15	17.2	21.0	*	3.5	7.8			
	3530	14124	66.3	45.8	14	15.8	22.0		3.3	7.9			
	3686	14125	65.8	45.4	11	10.3	22.4		3.3	7.7			
	3738	14130	65.6	44.9	11	9.2	21.8		3.2	7.8			
	3801	14131	65.8	45.0	10	8.9	21.9		3.2	7.5			
	3894	14132	65.5	45.2	11	10.6	22.2		3.1	8.0			
	3967	14133	65.8	44.9	10	8.5	21.9		3.2	7.9			
	4009	14134	65.8	44.8	10	8.1	22.3		3.1	7.3			
	4030	14135	65.8	44.9	10	8.5	21.3	*	3.1	8.0			
	4103	14140	65.8	44.6	10	7.4	26.4		2.9	8.6			
	4207	14141	65.5	44.2	10	7.0	37.7		3.7	8.8			
	4186	14142	65.6	44.2	9	6.6	24.4		3.0	8.1			
	4280	14143	65.3	44.2	10	7.7	24.8		3.0	8.6			
	4321	14144	65.0	44.0	11	8.1	21.6		3.1	8.4			
	4363	14145	65.0	44.0	11	8.1	19.4		3.2	8.4			
	4405	14150	65.5	43.4	5	- 7.1	21.5		3.2	7.9			
	4467	14151	65.2	43.2	6	- 6.3	20.6		3.3	7.7			
	4530	14152	65.0	42.8	5	- 7.9	20.7		3.3	7.2			
	4519	14153	65.0	42.8	5	- 7.9	22.5	*	3.3	6.7			
	4530	14154	65.2	42.9	5	- 8.7	21.6		3.4	6.5			
	4571	14155	64.8	42.8	6	- 6.3	22.0		3.4	6.9			
	4602	14160	64.7	42.8	6	- 5.6	22.0		3.4	6.6			
	4602	14160	64.7	42.8	6	- 5.6	23.6		3.4	8.1			
COMMERCE	3894	14203	67.7	45.2	7	1.4	25.3		3.6	10.9			
	3749	14204	68.6	45.7	9	8.1	24.5		3.3	4.6			
	3655	14205	68.4	45.8	10	9.2	29.4		3.3	5.2			
	3540	14210	68.3	46.0	10	10.3	21.0		3.6	5.5			
	3488	14211	68.1	46.1	11	11.3	12.8		6.1	5.5			
	3436	14212	68.1	46.0	11	11.0	20.7	*	3.2	7.1			
	3353	14213	68.6	46.0	10	9.2	20.6		3.3	7.3			
	3238	14214	69.4	46.3	9	7.4	20.6		3.3	7.9			
	3155	14215	69.4	46.3	9	7.4	21.5		3.2	8.6			
	3020	14220	69.4	46.3	9	7.4	20.2		3.2	9.2			
	2947	14221	69.4	46.5	9	8.1	22.1	*	3.0	10.7			
	2832	14222	69.7	46.7	9	7.8	15.0		4.4	10.0			
	2738	14223	70.2	47.5	12	15.3	18.8		3.9	10.2			
	2655	14224	70.5	47.9	12	15.6	24.3		4.1	9.9			
	2447	14225	71.7	48.3	11	13.3	35.2		3.4	9.4			
	2374	14230	72.0	48.8	11	13.9	23.2	*	2.8	9.3			
	2239	14231	73.0	49.2	12	18.1	23.5		2.7	9.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-106
AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	2103	14232	73.5	49.7	12	18.1	21.8		2.6	9.8			
	1999	14233	73.9	50.0	12	17.9	20.7		2.5	10.0			
	1968	14234	73.8	50.2	12	18.6	21.8	*	2.3	9.1			
	1895	14235	74.1	50.4	12	18.4	21.2		2.5	9.1			
	1728	14240	74.1	51.0	16	24.7	13.0		4.7	7.9			
	1635	14241	73.5	52.6	19	28.8	18.9		2.2	13.3			
	1489	14242	74.2	53.1	22	32.3	18.7		1.8	13.1			
	1489	14243	74.1	52.8	22	32.0	19.4		1.5	13.4			
	1406	14244	74.7	53.5	21	32.1	19.3		1.7	12.2			
	1281	14245	76.9	53.2	16	28.1	18.0		1.5	11.0			
	1219	14250	75.2	55.8	26	38.0	12.6		2.8	6.6			
	1145	14251	75.3	56.1	26	38.2	16.0		1.8	7.1			
	1083	14252	75.7	56.1	26	37.7	24.6		2.3	5.5			
	958	14253	76.4	55.9	23	36.6	16.7	*	1.5	4.0			
	947	14254	76.3	56.1	24	37.0	16.8		1.5	2.4			
	895	14255	76.6	55.8	23	36.2	16.7		1.3	1.4			
	843	14260	76.6	55.8	23	36.2	17.0		1.3	1.4			
	812	14261	76.7	56.1	23	36.5	20.6		1.2	1.3			
	770	14262	77.1	56.1	23	36.0	12.4		1.7	1.7			
	718	14263	77.7	56.5	26	39.1	12.5		1.3	11.0			
	718	14264	77.8	56.3	25	38.7	15.2		0.8	5.1	1.3	7.9	2.7
	750	14265	77.8	56.7	26	39.2	16.3		1.1	7.5			
	854	14270	76.9	56.7	27	40.2	16.8		1.3	6.3			
	906	14271	76.4	56.5	27	40.6	17.6		1.3	5.2			
	937	14272	76.4	56.3	27	40.3	12.4		2.2	2.2			
	937	14273	76.3	56.3	27	40.5	15.9		1.6	11.8			
	1041	14274	75.8	56.3	29	41.0	21.2		1.8	54.4			
	989	14275	76.3	56.1	24	37.0	17.1		1.6	16.1	0.8	1.5	2.7
	1031	14280	76.0	56.3	29	40.8	16.8		1.6	17.3			
	1093	14281	76.0	56.2	26	37.5	17.6		1.3	15.7			
	1135	14282	75.7	55.0	24	36.4	16.9		1.5	15.1			
	1229	14283	75.5	53.5	20	30.9	18.7		1.5	14.1			
	1270	14284	74.6	53.6	21	32.4	17.2		1.8	13.8			
	1354	14285	74.9	53.0	20	31.1	20.3		1.6	14.2			
	1395	14290	73.8	54.5	28	38.1	15.7		2.0	14.9			
	1426	14291	74.2	53.4	22	32.7	12.2		3.7	15.0			
	1447	14292	74.2	53.5	23	32.9	16.7		1.8	16.1			
	1551	14293	73.8	54.1	24	34.3	18.5		1.6	19.5			
	1510	14294	75.0	52.6	16	26.1	18.3		1.5	17.4	1.5	1.7	0.8
	1562	14295	75.3	53.2	19	30.7	18.9	*	1.8	19.6			
	1593	14300	74.6	52.4	16	26.5	18.7		1.8	17.0			
	1603	14301	76.0	52.3	14	23.5	18.3		1.9	19.3			
	1728	14302	74.9	51.4	15	23.9	15.3		2.6	14.2			
	1843	14303	74.2	51.0	16	24.5	18.3		2.7	12.5			
	1874	14304	74.2	50.8	13	19.1	25.6		2.6	11.4			
	1905	14305	73.9	50.4	13	18.9	21.8		2.2	9.9			
	1947	14310	73.9	50.6	13	19.4	19.8		2.5	16.5			
	2010	14311	73.6	50.3	13	19.4	20.1		2.3	10.4			
	1989	14312	74.1	50.3	12	18.1	19.8	*	2.0	9.6			
	1989	14313	73.9	50.3	12	18.6	23.8		2.0	10.5			
	2010	14314	73.8	50.2	12	18.6	17.1		2.8	10.5			

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AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
COMMERCE	1947	14315	74.2	50.4	12	18.1	13.2	6.0		13.9			
	1947	14320	74.2	50.6	12	18.6	18.0	2.1		16.4			
	1947	14321	68.8	50.6	24	29.5	0.0	0.0		76.7			
	1947	14322	74.2	50.6	12	18.6	18.4	2.1		15.4			
	1968	14323	82.2	50.4	1	-28.6	0.0	0.0		18.6			
	1947	14324	74.2	50.4	12	18.1	21.2	2.1		14.4			
	1937	14325	74.6	50.4	11	17.1	25.6	2.3		10.5			
	1947	14330	74.6	50.6	11	17.6	23.2	2.0		9.3			
	1905	14331	75.2	50.7	11	16.3	19.7	1.8		9.5			
HAWTHORNE	3551	14400	71.6	46.3	5	- 3.7	16.6	2.6		12.8			
	3561	14401	71.6	46.0	5	- 5.6	16.5	2.9		13.0			
	3592	14402	71.1	45.7	5	- 4.2	18.4	2.4		14.0			
	3530	14403	71.6	45.4	1	-30.9	15.3	3.2		13.3			
	3415	14404	71.9	45.7	4	-10.4	18.9	3.1		10.4			
	3374	14405	72.4	46.1	4	-11.3	19.1	2.5		11.0			
	3311	14410	78.8	46.3	0	-30.8	0.0	0.0		57.8			
	3165	14411	73.3	47.1	4	-10.4	27.3	2.4		12.8			
	3051	14412	73.6	47.5	6	3.4	21.2	2.2		12.8			
	2874	14413	74.2	48.7	7	5.9	18.9	1.8		15.5			
	2791	14414	74.4	49.2	10	14.3	16.3	2.5		15.6			
	2645	14415	74.9	49.6	10	14.0	15.4	2.2		17.0			
	2582	14420	75.2	50.2	10	14.9	15.5	2.1		17.2			
	2509	14421	75.7	49.3	8	10.5	12.6	2.7		17.9			
	2447	14422	76.0	49.2	8	9.1	15.8	1.9	*	16.5			
	2384	14423	76.3	48.9	4	- 4.1	12.6	2.7		14.3			
	2291	14424	76.7	49.2	6	6.5	16.4	1.5		15.3			
	2228	14425	77.1	49.6	6	6.5	13.3	2.4		13.4			
	2082	14430	77.5	50.0	6	6.5	15.9	2.2		13.5			
	2010	14431	77.8	50.0	6	5.3	17.3	1.8	*	12.4			
	1958	14432	78.3	50.0	5	3.1	17.2	1.8		11.4			
	1812	14433	78.9	50.6	5	3.1	24.8	2.0		13.9			
	1718	14434	79.1	50.7	5	2.5	17.4	1.4		14.4			
	1656	14435	79.3	51.0	8	11.8	16.1	1.3		13.4			
	1531	14440	79.6	51.4	8	12.1	15.6	1.3	*	11.8			
	1520	14441	79.3	51.6	8	13.7	15.4	1.0		11.7			
	1499	14442	79.7	51.6	8	12.4	12.2	1.9		9.8			
	1416	14443	79.9	51.5	7	11.4	14.7	1.2		9.5			
	1354	14444	61.1	51.8	53	43.7	0.0	0.0		19.0			
	1229	14445	80.5	52.4	8	12.4	13.1	1.7		7.7			
	1145	14450	80.7	52.3	7	11.4	15.9	1.0		5.4			
	1145	14451	80.7	52.4	7	11.8	13.5	1.1		5.5			
	1145	14452	80.4	52.2	7	12.1	14.6	0.9		6.6			
	1093	14453	80.2	52.2	8	12.7	13.9	1.0		6.8			
	968	14454	81.0	52.2	7	10.1	13.7	0.9		4.2			
	906	14455	80.7	52.6	8	12.4	13.7	0.9	*	3.4			
	854	14460	80.0	52.7	11	21.0	13.8	1.0		3.2			
	843	14461	79.9	52.4	8	14.3	13.7	1.1		1.2			
	812	14462	79.6	52.4	9	15.1	12.6	1.1		0.7			
	802	14463	79.6	52.0	9	14.0	11.4	1.5		1.6			
	791	14464	78.9	52.4	10	17.0	14.9	1.1		4.6			
	791	14465	72.7	53.8	25	35.4	14.0	0.9		7.0			

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AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	760	14470	72.5	57.8	37	45.9	13.1		0.8	14.1			
	729	14471	75.2	54.7	25	36.6	12.6		0.8	26.2			
	666	14472	72.5	57.5	37	45.6	13.0		1.1	46.4			
	495	14473	72.4	60.0	51	52.7	14.5		0.6	11.8			
	360	14474	72.7	60.2	48	52.6	14.6		0.6	11.4			
	265	14475	72.8	60.4	48	52.7	12.6		0.3	6.4			
	114	14480	73.1	60.6	48	52.6	12.2		0.7	4.9			
	20	14481	73.3	60.6	48	52.5	11.4		0.3	4.3			
	42	14482	72.8	62.0	55	56.1	11.4		0.3	4.0			
	42	14483	73.1	63.7	61	59.1	11.5		0.2	3.8			
	42	14484	50.0	63.9	100	70.9	7.8		0.0	9.4			
	42	14485	73.5	63.7	60	58.9	11.5		0.2	2.5			
	42	14490	73.5	64.1	61	59.1	11.5		0.2	2.5			
	42	14491	74.4	64.8	57	59.0	11.5		0.2	2.4			
	42	14492	74.1	65.3	67	61.6	11.5		0.1	2.3			
	42	14493	73.9	65.6	67	61.9	11.4		0.1	2.1			
	42	14494	73.6	65.6	68	62.0	11.4		0.1	1.6			
	42	14495	73.6	65.7	68	62.1	11.5		0.1	1.7			
	42	14500	74.1	64.5	61	59.0	11.5		0.2	1.5			
	42	14501	86.8	64.9	29	50.5	0.0		0.0	18.6			
	42	14502	74.2	65.5	67	61.6	11.3		0.1	1.8			
	42	14503	74.4	65.3	62	61.4	11.3		0.1	1.6			
	42	14504	74.4	65.2	58	59.3	11.1		0.2	1.5			
	42	14505	74.4	64.5	57	58.8	11.3		0.2	1.8			
	42	14510	74.1	64.8	61	59.2	11.2		0.2	1.7			
	42	14511	91.3	64.9	22	46.6	0.0		0.0	0.0			
	42	14512	74.6	65.1	57	59.1	11.3		0.3	1.9			
	34	14513	74.1	63.5	59	58.4	11.0	*	0.3	1.7			
	20	14514	73.8	62.3	54	55.6	10.8		0.5	2.4			
	201	14515	73.3	60.8	48	52.6	11.0		0.6	4.7			
	273	14520	72.4	60.6	52	53.1	11.1		0.4	4.6			
	376	14521	71.6	60.5	53	53.7	11.4		0.3	5.8			
	447	14522	71.0	60.1	53	53.8	11.7		0.2	5.0			
	519	14523	70.5	60.0	57	54.1	11.6		0.6	6.1			
	687	14524	71.0	58.4	47	50.2	10.7		1.1	1.9			
	718	14525	74.4	54.6	26	37.5	12.5		0.8	3.6			
	770	14530	78.2	51.4	9	16.2	12.7	*	0.9	9.5			
	822	14531	79.6	51.9	8	13.7	12.5		0.9	10.2			
	937	14532	80.2	51.8	7	11.4	12.6		0.8	12.4			
	1031	14533	80.2	52.0	7	12.1	12.3		1.0	14.2			
	1104	14534	80.8	52.3	7	11.1	12.9	*	1.0	15.8			
	1187	14535	80.4	52.3	8	12.4	13.2		1.1	15.2			
	1249	14540	80.2	52.2	8	12.7	13.4		0.8	14.4			
	1312	14541	64.8	52.0	41	39.9	12.2		1.1	13.4			
	1395	14542	79.9	51.8	8	12.4	11.0		1.2	11.0			
	1479	14543	79.3	52.0	9	14.8	13.8		1.0	10.7			
	1520	14544	79.6	52.2	9	14.5	13.4	*	1.1	12.0			
	1635	14545	79.3	51.8	9	14.3	13.4		1.3	11.7			
	1687	14550	79.1	51.5	9	14.0	15.0		1.5	12.2			
	1718	14551	78.9	51.8	9	15.4	18.3		1.4	13.7			
	1812	14552	78.5	51.4	9	15.4	18.1		1.3	14.1			

SCOTT RESEARCH LABORATORIES CPA70-611-21113SR043 RUN DATE 02/04/70-109
AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	1885	14553	78.2	51.2	9	1[illegible].7	13.9	1.3	13.2			
	1947	14554	77.8	51.1	10	16.5	13.5	1.4	13.9			
	1978	14555	77.7	51.1	10	16.8	10.9	2.3	13.7			
	2020	14560	77.5	51.1	10	17.3	10.4	2.4	14.5			
	2062	14561	77.7	51.0	10	16.5	13.7	1.3	14.7			
	2072	14562	77.5	51.1	10	17.3	14.9	* 1.2	15.8			
	2082	14563	77.5	51.0	10	17.0	13.9	1.3	16.2			
	2072	14564	77.8	50.7	7	8.0	13.9	1.4	15.1			
	2072	14565	78.2	50.6	6	6.1	14.1	1.4	14.3			
	2051	14570	78.5	50.4	5	4.0	14.2	1.4	13.2			
	2041	14571	78.5	50.3	5	3.6	14.7	0.9	14.2			
	2062	14572	78.5	50.2	5	3.1	14.4	1.3	11.7			
	2062	14573	78.5	50.0	5	1.9	14.3	1.4	10.6			
	2062	14574	78.5	49.9	5	1.3	15.5	1.1	11.5			
	2062	14575	78.3	50.0	5	3.1	15.3	1.2	11.0			
	2082	14580	78.3	50.0	5	3.1	14.7	1.3	9.5			
	2103	14581	78.3	50.3	6	4.4	14.8	1.1	11.2			
	2114	14582	78.5	50.3	5	3.6	14.8	1.2	9.9			
	2114	14583	78.6	50.2	5	2.5	14.3	1.3	9.5			
	2114	14584	78.6	50.3	5	3.1	14.4	1.4	9.5			
	2124	14585	78.8	50.4	5	2.5	14.7	1.4	9.9			
	2124	14590	78.9	50.3	5	1.3	14.1	1.5	9.4			
	2103	14591	79.3	50.4	5	- 0.2	14.4	1.5	8.7			
	2124	14592	78.8	50.4	5	2.5	14.8	1.4	8.4			
	2135	14593	78.6	50.4	5	3.6	14.4	1.5	8.5			
	2124	14594	78.8	50.7	5	4.0	14.1	1.6	9.6			
	2124	14595	78.8	50.6	5	3.6	14.2	1.5	9.7			
	2103	15000	78.6	50.6	6	4.4	13.3	1.7	9.7			
	2103	15001	78.6	50.6	6	4.4	14.0	1.7	9.0			
	2114	15002	78.8	50.6	5	3.6	15.1	1.5	8.7			
	2103	15003	78.8	50.6	5	3.6	14.4	1.5	8.9			
	2103	15004	78.8	50.6	5	3.6	14.4	1.5	8.4			
	2114	15005	78.6	50.6	6	4.4	14.8	1.6	8.3			
	2093	15010	78.8	50.6	5	3.6	14.5	1.5	9.0			
COMMERCE	1937	15041	77.8	50.0	6	5.3	15.2	1.4	9.8			
	1853	15042	78.2	50.3	6	4.9	15.1	1.2	9.8			
	1749	15043	78.6	50.8	6	5.3	14.3	1.2	9.2			
	1697	15044	78.8	51.1	8	13.7	12.8	1.3	10.9			
	1676	15045	77.8	51.4	10	17.3	12.8	1.1	12.4			
	1666	15050	78.3	51.4	9	15.9	11.5	1.2	12.5			
	1520	15051	78.3	52.2	10	18.1	9.7	2.1	13.2			
	1551	15052	78.5	51.5	9	15.7	13.1	* 0.9	16.6			
	1499	15053	78.2	52.8	14	25.0	12.8	1.2	18.5			
	1416	15054	79.3	51.9	9	14.5	12.8	1.1	17.5			
	1385	15055	79.1	53.5	13	24.6	13.1	0.9	17.3			
	1322	15060	79.6	54.5	17	30.0	10.4	1.5	17.7			
	1249	15061	79.6	53.8	13	24.2	10.9	1.2	16.1			
	1187	15062	78.8	56.1	19	33.7	13.8	0.9	15.8			
	1114	15063	79.6	56.3	22	36.5	16.8	1.2	16.6			
	1052	15064	79.7	56.7	21	36.9	12.4	* 0.6	15.3			
	1010	15065	79.6	56.2	19	32.7	11.9	0.6	16.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-110
AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	958	15070	79.7	56.1	17	32.4	11.2		0.6	15.1			
	937	15071	80.0	56.2	17	32.1	12.1		0.5	15.9			
	916	15072	79.6	57.0	23	37.4	13.2		0.3	15.0			
	854	15073	79.7	57.3	21	37.6	9.5		0.7	28.7			
	781	15074	80.4	57.0	20	36.4	8.4		1.2	15.7			
	739	15075	80.4	56.5	20	35.7	11.1		0.6	20.9	0.5	1.4	2.4
	718	15080	80.7	56.5	20	35.3	11.0		0.5	22.1			
	739	15081	80.7	57.1	20	36.1	11.0		0.3	24.6			
	833	15082	80.2	57.3	21	37.0	10.9		0.5	20.2			
	916	15083	79.9	56.9	21	36.9	11.9		0.8	18.0			
	1020	15084	79.7	56.1	17	32.4	10.0		1.1	18.8			
	1031	15085	79.7	56.3	20	36.4	13.1		0.7	30.9			
	1124	15090	79.3	55.8	19	32.5	15.1		0.8	17.1			
	1093	15091	79.9	56.7	21	36.6	9.8		1.3	15.1			
	1260	15092	78.8	56.5	23	37.8	10.4		1.4	16.3			
	1333	15093	78.6	55.5	19	33.1	11.5		0.9	15.0			
	1666	15100	78.5	51.8	10	16.5	13.8		0.8	20.3			
EL MONTE	3769	15151	71.7	45.4	1	-30.9	12.5		1.4	8.0			
	3686	15152	71.9	45.6	4	-11.3	15.9		1.0	9.5			
	3582	15153	72.4	45.8	3	-14.2	19.5		1.5	7.3			
	3540	15154	72.5	45.8	3	-15.3	14.6		1.0	21.0			
	3415	15155	73.0	46.3	3	-15.3	14.7		1.2	22.4			
	3415	15160	72.8	46.3	3	-13.2	10.6		1.5	8.0			
	3384	15161	73.1	46.3	3	-16.5	12.2	*	1.0	7.3			
	3332	15162	73.5	46.5	2	-18.8	13.1		0.9	19.0			
	3207	15163	74.2	46.8	2	-24.5	12.4		1.1	11.3			
	3113	15164	74.6	47.1	2	-26.2	12.4		1.1	7.1			
	3040	15165	74.9	47.3	4	- 5.4	12.2		1.1	7.5			
	2999	15170	74.7	47.5	5	- 3.2	12.0	*	1.1	8.5			
	2905	15171	75.1	47.9	5	- 3.2	10.8		1.6	13.8			
	2822	15172	75.4	48.2	5	- 3.2	10.0		1.8	7.9			
	2759	15173	75.8	48.5	4	- 3.6	10.5		2.0	18.5			
	2686	15174	76.1	48.6	4	- 4.7	10.1		1.5	9.6			
	2645	15175	76.2	49.0	4	- 3.2	11.3		1.0	9.1			
	2593	15180	76.0	49.4	8	9.8	10.9		1.0	9.8			
	2530	15181	76.7	49.7	7	8.4	11.4	*	0.9	9.1			
	2489	15182	76.9	49.5	7	6.9	10.4		1.2	11.9			
	2364	15183	77.0	50.1	7	8.8	11.4		0.8	11.3			
	2343	15184	76.7	50.2	8	10.2	10.0		1.1	12.4			
	2259	15185	77.0	50.2	7	9.1	10.3		0.8	11.2			
	2218	15190	77.3	50.4	7	8.8	10.6		0.7	10.5			
	2124	15191	77.6	50.6	7	8.4	10.4		0.8	9.9			
	2072	15192	77.6	50.6	7	8.4	10.4		0.8	9.0			
	2051	15193	77.6	50.6	7	8.4	10.5	*	0.8	9.1			
	1989	15194	77.9	50.7	6	7.7	10.6		0.7	9.0			
	1947	15195	78.1	51.0	9	15.4	10.3		0.7	8.9			
	1874	15200	78.5	51.1	9	14.5	10.2		0.7	8.1			
	1833	15201	78.6	50.9	8	13.7	10.1		0.7	8.8			
	1749	15202	78.8	50.9	8	13.0	10.0		0.8	8.8			
	1708	15203	79.0	51.2	8	13.4	10.2		0.7	8.3			
	1666	15204	79.1	51.2	8	13.0	10.1		0.7	8.3			

SCOTT RESEARCH LABORATORIES CPA70-611-21113SR043 RUN DATE 02/04/70-111
AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	1635	15205	79.4	50.8	5	1.3	9.8	0.6	7.4			
	1520	15210	79.7	51.8	8	13.0	10.0	0.4	8.1			
	1499	15211	79.7	52.2	8	14.3	10.0	0.4	10.3			
	1426	15212	80.1	52.1	8	12.7	12.4	0.6	8.7			
	1343	15213	80.5	52.4	8	13.4	13.7	0.8	7.6			
	1177	15214	81.2	53.2	10	19.1	10.0	0.8	7.6			
	1114	15215	81.6	53.4	9	18.8	10.0	* 0.5	7.1			1.0
	1072	15220	81.8	53.2	9	17.8	10.0	0.8	7.4			
	1052	15221	81.9	53.2	9	17.6	9.8	0.7	9.6			
	1062	15222	81.9	53.0	9	17.1	9.3	0.8	8.8			
	1156	15223	81.1	52.9	10	18.8	8.5	0.8	8.5			
	1239	15224	80.8	53.1	10	20.0	9.7	0.7	9.8			
	1343	15225	80.5	53.4	11	21.4	9.3	0.6	9.9			
	1426	15230	80.2	52.4	8	13.4	11.3	0.4	8.3			
	1479	15231	79.8	52.6	8	15.1	9.7	0.5	9.2			
	1551	15232	79.5	52.9	12	22.5	9.9	0.5	9.6			
SPECIAL	1614	15233	79.1	53.2	13	24.0	10.0	0.5	11.0			
	1874	15240	78.6	52.6	10	18.3	9.9	0.7	11.1			
	2332	15330	77.7	50.3	7	6.9	8.9	1.1	7.1			
	2655	15373	76.9	46.9	0	-30.9	12.8	0.8	3.6			
	2582	15374	77.4	47.1	0	-30.8	9.8	0.8	3.5			
	2468	15375	78.3	47.7	0	-30.9	9.1	0.5	3.4			
	2343	15380	78.6	48.1	0	-30.9	9.1	0.5	3.3			
	2239	15381	79.2	48.4	0	-30.9	9.2	0.4	3.5			
	2041	15382	79.9	48.9	0	-30.9	7.3	1.1	3.8			
	1895	15383	80.1	49.3	2	-14.5	7.0	1.7	4.0			
	1812	15384	80.2	50.0	3	- 8.9	7.7	0.8	3.9			
	1614	15385	80.9	50.0	2	-15.6	8.8	0.4	4.2			
	1489	15390	81.3	50.3	2	-16.8	11.3	0.9	4.2			
	1406	15391	81.8	50.5	2	-20.5	7.9	0.5	4.1			
	1374	15392	82.2	50.9	4	- 1.5	8.2	0.4	4.6			0.4
	1354	15393	82.4	51.1	4	- 1.5	7.8	0.3	4.4			
	1385	15394	82.3	51.2	4	0.1	8.0	0.4	4.3			
	1479	15395	82.0	51.1	4	1.1	8.2	0.4	3.9			
	1510	15400	81.9	50.9	4	0.6	8.3	0.4	3.7			
	1520	15401	81.9	50.8	2	-17.9	8.0	0.5	4.0			
	1593	15402	79.9	55.4	16	31.0	7.3	0.7	7.2			
	1603	15403	79.6	56.3	22	36.5	7.2	0.7	12.5			
	1562	15404	79.4	56.5	22	37.0	6.7	0.7	13.6			
	1479	15405	80.2	56.4	20	35.9	6.9	0.6	12.7			3.5
	1489	15410	80.4	55.7	16	30.7	6.0	1.0	11.5			
	1614	15411	80.2	53.8	12	22.9	5.8	1.6	8.7			
	1697	15412	79.8	53.3	12	22.7	6.7	0.8	7.1			
	1687	15413	79.4	54.5	17	30.4	7.3	0.6	7.4			
	1718	15414	79.1	54.7	18	31.1	7.2	0.6	7.3			
	1780	15415	78.2	55.8	20	34.1	7.3	0.7	7.1			
	1885	15420	78.6	52.6	10	18.3	8.1	0.7	4.8			
	1947	15421	78.1	53.4	14	26.3	7.6	0.9	4.6			
	2103	15422	78.7	50.7	6	4.4	8.5	0.8	3.9			
	2270	15423	78.0	49.1	5	- 0.2	8.3	0.7	2.3			
	2364	15424	77.7	48.6	2	-19.9	8.2	0.6	1.7			

SCOTT RESEARCH LABORATORIES CPA70-6114211135R043 RUN DATE 02/04/70-112
AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	2478	15425	77.2	48.3	2	-17.4	8.3	0.6	6.5			
	2551	15430	77.1	47.8	2	-22.6	7.9	0.5	22.3			
	2572	15431	77.2	47.7	2	-25.8	8.0	0.5	6.3			
	2582	15432	77.0	47.6	2	-24.1	7.9	0.4	5.7			
	2582	15433	77.0	47.4	1	-27.7	8.0	0.4	4.8			
	2561	15434	77.2	47.6	1	-27.7	7.8	0.3	4.8			
	2603	15435	77.1	47.5	1	-27.7	8.1	0.4	4.7			
	2614	15440	77.0	47.4	1	-27.7	7.9	0.4	4.6			
	2645	15441	76.9	47.4	2	-25.8	7.9	0.3	4.3			
	2707	15442	77.0	47.1	0	-30.9	8.0	0.3	4.9			
	2738	15443	76.5	47.0	0	-30.9	7.6	0.4	4.2			
	2718	15444	76.8	47.1	0	-30.9	7.7	0.3	4.1			
	2759	15445	76.8	46.9	0	-30.9	7.6	0.4	3.9			
	2749	15450	76.9	46.8	0	-30.9	7.7	0.3	4.2			
	2780	15451	76.7	46.9	0	-30.9	7.7	0.4	4.4			
	2780	15452	77.0	46.9	0	-30.9	7.5	0.4	3.8			
	2791	15453	76.9	47.4	2	-25.8	7.5	0.4	4.3			
	2811	15454	76.6	47.2	0	-30.9	7.5	0.4	4.4			
	2811	15455	77.0	47.1	0	-30.9	7.5	0.4	4.2			
	2822	15460	76.5	46.4	0	-30.9	7.5	0.4	4.1			
	2832	15461	76.5	46.4	0	-30.9	7.5	0.3	3.8			
	2832	15462	76.9	46.5	0	-30.8	7.6	0.3	4.0			
	2843	15463	76.2	46.5	0	-30.9	7.5	0.3	4.2			
	2853	15464	76.2	46.6	0	-30.9	7.5	0.3	4.1			
	2853	15465	76.2	46.6	0	-30.9	7.4	0.3	3.6			
	2843	15470	76.4	46.6	0	-30.9	7.4	0.3	3.8			
	2874	15471	76.0	46.6	0	-30.9	7.5	0.3	4.1			
	2874	15472	75.9	46.4	0	-30.9	7.3	0.3	3.7			
	2916	15473	75.8	46.4	0	-30.9	7.3	0.3	3.8			
	2926	15474	75.8	46.3	0	-30.9	7.3	0.3	3.8			
	2905	15475	76.0	46.3	0	-30.9	7.3	0.4	3.6			
	2905	15480	76.0	46.4	0	-30.9	7.9	0.3	3.7			
	2916	15481	76.2	46.5	0	-30.9	7.3	0.3	3.7			
	2916	15482	76.5	46.4	0	-30.9	7.2	0.3	3.7			
	2916	15483	76.5	46.8	0	-30.9	7.3	0.3	3.7			
	2905	15484	76.3	47.0	0	-30.9	6.9	0.3	4.1			
	2926	15485	76.5	47.5	2	-18.5	7.1	0.3	4.9			
	2936	15490	76.6	47.9	3	-15.0	7.1	0.4	5.0			
	2947	15491	76.5	48.0	3	-13.0	6.9	0.3	5.6			
	2947	15492	76.4	48.3	3	- 9.3	7.0	0.4	5.9			
	2978	15493	76.2	48.5	4	- 6.2	6.9	0.5	6.1			
	2947	15494	76.2	48.6	4	- 5.4	6.9	0.6	6.5			
	2884	15495	76.3	48.7	4	- 5.4	6.9	0.5	6.3			
	2916	15500	76.0	49.4	8	9.8	6.9	0.6	8.6			
	2916	15501	76.2	49.2	7	8.4	6.7	0.6	8.0			
	2947	15502	75.8	48.9	5	- 1.8	6.6	0.6	8.0			
	2947	15503	76.0	49.0	5	- 2.4	6.6	0.6	7.8			
	2947	15504	76.2	48.9	4	- 3.6	6.8	0.6	7.7			
	2957	15505	76.2	48.8	4	- 4.1	6.8	0.6	7.9			
	2936	15510	76.3	48.9	4	- 4.1	6.7	0.6	7.2			
	2936	15511	76.5	48.9	4	- 5.4	6.8	0.6	7.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-113
AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	2978	15512	76.3	48.9	4	- 4.1	7.2	0.5	8.1			
	2947	15513	76.5	48.8	4	- 6.2	7.7	0.6	6.8			
	2947	15514	76.5	48.9	4	- 5.4	8.1	0.6	6.8			
	2895	15515	76.9	49.0	3	- 7.7	7.5	0.7	6.4			
	2832	15520	77.4	49.4	6	4.4	7.0	0.6	6.8			
	2843	15521	77.2	49.4	6	5.3	6.9	0.6	8.1			
	2749	15522	77.7	49.5	6	3.6	6.8	0.6	7.3			
	2749	15523	77.7	50.0	6	5.7	6.6	0.6	7.7			
	2707	15524	77.6	50.1	6	6.5	6.6	0.5	9.7			
	2582	15525	78.1	51.0	9	15.4	6.5	0.5	9.4			
	2541	15530	78.0	52.2	11	18.8	6.3	0.5	10.2			
	2541	15531	77.7	52.3	12	19.8	6.4	0.4	11.8			
	2499	15532	77.9	52.2	11	19.1	6.2	0.4	12.7			
	2499	15533	77.7	52.4	12	20.0	6.1	0.4	13.9			
	2499	15534	77.6	52.5	12	20.5	6.0	0.4	13.4			
	2478	15535	77.6	52.6	12	20.7	6.0	0.4	13.0			
	2457	15540	77.7	52.5	12	20.2	6.0	0.4	12.3			
	2405	15541	77.6	52.6	12	20.7	5.9	0.4	13.1			
	2395	15542	77.9	52.6	11	20.0	6.0	0.4	14.1			
	2374	15543	77.9	52.5	11	19.8	6.0	0.4	12.9			
	2374	15544	77.6	52.9	15	26.3	5.9	0.4	13.6			
	2384	15545	76.9	52.6	13	22.3	5.9	0.4	13.5			
	2374	15550	77.2	52.5	12	21.4	5.7	0.5	12.8			
	2332	15551	77.3	52.5	12	21.2	5.7	0.4	12.6			
	2332	15552	77.0	52.5	13	21.8	5.7	0.4	13.6			
	2332	15553	77.1	52.4	12	21.4	5.7	0.4	13.7			
	2301	15554	77.4	52.7	15	26.3	5.7	0.4	13.6			
	2280	15555	77.6	52.6	12	20.7	5.9	0.3	14.4			
	2291	15560	77.6	52.6	12	20.7	5.8	0.3	13.6			
	2291	15561	77.4	52.6	12	21.2	5.9	0.3	13.8			
	2270	15562	77.7	52.6	12	20.5	5.8	0.4	13.7			
	2280	15563	77.7	52.6	12	20.5	5.8	0.3	13.6			
	2270	15564	78.0	52.5	11	19.5	6.0	0.3	13.1			
	2301	15565	77.4	51.8	11	19.3	5.8	0.3	12.3			
	2301	15570	77.4	51.5	11	18.6	5.8	0.3	11.3			
	2291	15571	77.3	51.5	11	18.8	5.7	0.3	11.5			
	2301	15572	77.4	51.6	11	18.8	5.8	0.3	12.1			
	2259	15573	77.4	51.7	11	19.1	5.7	0.3	12.2			
	2270	15574	77.5	51.6	11	18.6	5.7	0.3	12.5			
	2270	15575	77.2	51.5	11	19.1	5.7	0.3	11.3			
	2259	15580	77.5	51.4	11	18.1	5.4	0.3	11.3			
	2249	15581	77.6	51.0	10	16.8	5.6	0.2	10.9			
	2239	15582	77.7	51.0	10	16.5	5.5	0.3	11.5			
	2228	15583	77.7	50.7	7	8.4	5.5	0.3	10.0			
	2228	15584	77.9	50.6	6	7.3	5.4	0.3	9.5			
	2187	15585	78.0	50.6	6	6.9	5.6	0.3	9.2			
	2166	15590	78.0	50.6	6	6.9	5.5	0.3	8.7			
	2166	15591	78.1	50.8	6	7.3	5.4	0.3	9.1			
	2145	15592	78.2	51.0	9	15.1	5.3	0.2	9.8			
	2135	15593	78.4	51.2	9	15.1	5.3	0.3	10.0			
	2103	15594	78.4	51.2	9	15.1	5.1	0.2	10.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-114
AIRCRAFT DATA FLIGHT NUMBER 17 DATA DATE 10/29/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
SPECIAL	2114	15595	78.3	50.9	9	14.5	5.2		0.3	9.8			
	2093	16000	78.5	50.7	6	5.3	5.2		0.3	9.8			
	2082	16001	78.4	50.9	9	14.3	5.1		0.3	9.1			
	2082	16002	78.3	50.7	6	6.1	5.2		0.3	9.4			
	2041	16003	78.8	50.7	5	4.0	5.1		0.3	9.0			
	2051	16004	78.6	50.3	5	3.1	5.1		0.2	9.5			
	2041	16005	78.7	50.1	5	1.3	5.1		0.2	8.8			
	2020	16010	78.8	50.3	5	1.9	4.9		0.2	8.3			
	2030	16011	78.8	50.3	5	1.9	5.2		0.2	8.4			
	2030	16012	78.8	50.1	5	0.7	5.3		0.2	8.1			
	1999	16013	79.0	50.1	5	- 0.2	5.1		0.2	8.1			
	1989	16014	79.1	50.1	4	- 1.2	5.0		0.3	8.0			
	1978	16015	79.0	50.0	4	- 1.2	5.0		0.3	7.9			
	1947	16020	79.2	50.0	4	- 2.6	5.2		0.2	7.7			
	1833	16021	79.8	50.3	4	- 3.8	5.3		0.2	7.2			
	1687	16022	79.9	50.8	4	- 2.2	5.1		0.1	8.3			
	1572	16023	80.3	51.1	6	8.7	5.2		0.0	9.6			
	1426	16024	80.6	51.9	7	10.5	5.2		0.0	10.0			
	1343	16025	80.2	53.6	12	22.5	4.6		0.2	11.9			
	1218	16030	80.4	54.5	15	28.7	4.2		0.4	14.5			
	1177	16031	80.1	54.5	15	29.2	4.6		0.1	15.1			
	1145	16032	79.9	54.7	16	29.9	4.1		0.3	16.9			
	1114	16033	80.2	54.7	15	29.4	4.6		0.0	19.5			
	1104	16034	80.0	54.5	15	29.4	4.6	*	0.0	18.4	1.4	1.6	1.9
	1104	16035	80.0	54.5	15	29.4	4.6		0.0	17.4			
	1093	16040	80.0	54.6	16	29.5	4.5		0.0	17.7			
	1093	16041	80.1	54.5	15	29.2	4.5		0.1	16.8			
	1093	16042	80.2	54.6	15	29.2	4.3		0.0	17.9			
	1083	16043	80.0	54.4	13	24.6	4.3		0.0	15.5			
	1083	16044	79.9	54.7	16	29.9	4.0		0.0	15.7			
	1041	16045	80.0	54.9	16	30.0	4.1		0.0	15.7			
	947	16050	80.4	55.0	16	29.5	4.1		0.1	13.1			
	895	16051	80.8	55.3	15	29.4	4.2		0.1	13.4			
	791	16052	81.1	55.5	15	29.2	4.2		0.1	13.4			
	687	16053	81.8	55.9	14	28.7	4.3		0.1	13.5			
	479	16054	82.3	56.4	17	33.0	4.0		0.0	14.2			
	368	16055	82.5	57.1	17	33.7	3.8		0.0	13.4			
	328	16060	82.2	58.5	22	39.5	3.9		0.0	11.5			
	344	16061	81.9	61.9	32	49.2	3.9	*	0.0	11.2			
	344	16062	81.9	65.3	42	56.9	3.9		0.0	12.3			
	344	16063	82.0	66.4	43	57.5	3.9		0.0	12.8			
	344	16064	82.0	66.0	42	57.3	3.9		0.0	10.7			
	344	16065	82.0	65.6	42	57.0	3.8		0.0	10.5			
	344	16070	82.0	65.2	38	54.3	3.8		0.0	10.7			

SCOTT RESEARCH LABORATORIES CPA70-611-21113SR043 RUN DATE 02/04/70-115
AIRCRAFT DATA FLIGHT NUMBER 18 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	269	08330	63.6	54.4	51	46.1	12.8		0.1	0.7			
	269	08331	63.6	55.3	58	49.1	13.2		0.1	0.6			
	269	08332	64.1	55.3	57	48.7	12.8		0.0	0.5			
	269	08333	64.0	55.6	57	49.0	13.2		0.1	0.5			
	269	08334	64.1	55.7	57	49.0	12.8		0.0	0.7			
	381	08342	65.0	51.1	39	38.6	13.1		0.3	1.1			
	428	08343	65.4	50.2	30	34.0	13.3		0.5	2.7			
	500	08344	67.4	49.0	20	25.3	13.4		0.6	1.9			
	555	08345	67.8	48.3	18	23.1	13.8		0.4	1.8			
	659	08350	68.2	48.1	17	21.8	12.7		0.6	1.7			
	720	08351	68.6	48.0	16	20.6	14.0	*	0.6	1.6			
	803	08352	68.7	48.0	16	20.4	19.4		0.9	2.8			
	887	08353	70.4	48.3	13	16.9	14.7		0.9	2.7			
	949	08354	70.4	48.4	13	17.2	13.5	*	0.5	3.5			
	1022	08355	70.5	48.2	13	16.4	12.1		0.8	2.8			
	1137	08360	71.6	48.3	11	13.6	11.1		1.0	4.3			
	1189	08361	72.1	48.4	10	12.3	12.8		0.6	6.7			
	1262	08362	71.6	48.4	11	13.9	15.8		0.6	6.0			
	1355	08363	71.6	48.3	11	13.6	15.7		0.7	5.7			
	1428	08364	71.4	48.2	11	13.9	15.7		0.7	7.3			
	1449	08365	71.6	48.1	10	13.0	15.7	*	0.7	7.6			
	1522	08370	71.0	47.9	11	14.2	16.0		0.6	8.5			
	1605	08371	70.5	47.7	12	15.0	16.2		0.6	7.5			
	1699	08372	70.2	47.4	12	15.0	15.8		0.7	8.0			
	1772	08373	70.0	47.4	12	15.6	14.9		0.7	7.7			
	1845	08374	69.5	47.3	13	16.7	13.0		1.1	5.5			
	1928	08375	69.6	47.2	10	9.9	15.0		1.2	6.7			
	1980	08380	69.7	47.3	13	16.1	15.2		1.0	5.2			
	1990	08381	69.7	47.3	13	16.1	15.5	*	1.0	5.2			
	2074	08382	69.0	46.8	10	10.6	21.7		1.4	5.1			
	2157	08383	68.4	46.6	11	11.9	24.7		1.4	5.6			
	2199	08384	68.4	46.5	11	11.6	17.9		1.2	5.2			
	2272	08385	68.7	46.9	11	11.9	17.5		1.4	5.9			
	2355	08390	68.3	47.0	12	13.5	17.1	*	1.3	6.5			
	2417	08391	68.2	46.9	12	13.5	17.6	*	1.5	6.0			
	2386	08392	68.7	47.1	12	12.6	16.9		1.3	7.3			
	2480	08393	68.2	46.8	12	13.2	18.1		1.8	7.6			
	2574	08394	67.7	46.5	12	13.8	14.8		1.6	9.1			
	2626	08395	67.7	46.3	12	13.2	14.4		1.5	7.4			
	2688	08400	67.4	46.2	12	13.8	14.4		1.6	7.2			
	2751	08401	67.2	46.1	12	14.1	14.5		1.8	9.4			
	2844	08402	67.7	45.9	11	12.9	14.6		2.1	9.5			
	2917	08403	68.0	45.7	10	10.3	18.4		1.7	6.8			
	2928	08404	68.0	45.9	11	11.0	17.6	*	1.6	6.6			
	2938	08405	68.5	45.9	10	9.2	17.9		1.6	7.3			
	2938	08410	68.5	45.9	10	9.2	15.9		1.7	7.2			
	2980	08411	68.3	45.8	10	9.6	17.9		1.7	6.7			
	3094	08412	67.7	45.6	11	11.0	18.5		1.7	6.7			
	3146	08413	67.5	45.4	8	3.7	16.6		2.0	6.6			
	3198	08414	67.3	45.4	8	4.5	17.2		2.2	6.3			
	3334	08415	67.0	45.7	13	13.5	19.6		2.3	5.5			

SCOTT RESEARCH LABORATORIES CPA70-811421113SR043 RUN DATE 02/04/70-116
AIRCRAFT DATA FLIGHT NUMBER 18 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	3386	08420	66.6	45.7	13	14.7	22.0		2.2	4.9			
	3438	08421	66.4	45.6	14	15.0	26.2		2.3	5.4			
	3438	08422	66.8	45.4	9	6.6	20.1	*	1.9	6.4			
	3407	08423	67.1	45.7	12	13.2	20.6		2.1	6.4			
	3427	08424	67.0	45.7	13	13.5	19.1		2.1	5.8			
	3396	08425	67.3	45.7	12	12.6	21.2		2.1	5.2			
	3386	08430	67.4	45.7	11	12.3	20.5		2.2	5.4			
	3396	08431	67.3	45.7	12	12.6	20.8		2.3	5.0			
	3386	08432	67.2	45.5	11	12.3	20.4		2.3	5.1			
	3386	08433	67.2	45.5	11	12.3	20.2		2.4	5.2			
	3407	08450	67.3	45.1	8	3.2	19.6		2.4	5.1			
	3407	08460	67.4	44.3	6	- 2.5	16.8		2.8	5.2			
COMMERCE	3365	08465	66.6	44.8	9	5.0	18.6	*	2.5	4.8			
	3313	08470	66.8	44.9	9	4.5	17.1		2.6	4.7			
	3250	08471	67.2	45.1	8	3.7	17.5		2.4	4.6			
	3167	08472	66.9	45.1	9	5.0	17.5		2.3	4.8			
	3105	08473	67.0	45.0	8	4.1	17.5		2.3	5.0			
	3032	08474	66.8	45.0	9	5.0	17.2		2.2	4.9			
	2948	08475	67.2	45.4	8	5.0	17.4		2.1	5.4			
	2907	08480	67.3	45.6	11	12.3	17.5	*	2.0	5.8			
	2855	08481	67.3	45.6	11	12.3	19.4		2.0	6.3			
	2751	08482	67.9	46.0	11	11.6	26.2		2.2	6.2			
	2657	08483	68.7	46.3	10	9.9	25.2		2.3	5.9			
	2574	08484	69.3	46.8	9	9.6	17.9		2.2	9.7			
	2490	08485	69.6	47.1	9	9.6	17.7		1.7	8.8			
	2407	08490	70.0	47.4	12	15.6	18.0		1.6	9.4			
	2386	08491	70.1	47.6	13	15.9	17.8	*	1.4	10.3			
	2272	08492	70.5	48.0	13	15.9	18.7		1.6	10.1			
	2167	08493	70.5	48.2	13	16.4	17.4		1.3	11.1			
	2126	08494	70.5	48.3	13	16.7	17.1		1.4	11.7			
	2032	08495	70.7	48.3	12	16.1	14.0		2.1	9.2			
	1990	08500	70.8	48.4	12	16.1	12.6		2.5	11.4			
	1980	08501	70.2	48.3	13	17.5	13.0		1.8	11.0			
	1949	08502	70.3	48.1	13	16.7	13.1		2.3	8.2			
	1949	08503	70.0	48.3	14	18.0	17.0		1.4	7.0			
	1907	08504	70.3	48.1	13	16.7	16.6	*	1.2	6.9			
	1782	08505	70.4	48.0	13	16.1	15.4		1.2	6.5			
	1709	08510	70.7	48.0	11	15.3	16.0		1.1	5.9			
	1647	08511	70.9	48.1	11	15.0	15.6		1.0	7.2			
	1584	08512	71.0	48.2	11	15.0	19.3		1.3	6.4			
	1522	08513	71.2	48.2	11	14.5	27.8		1.7	6.5			
	1491	08514	71.3	48.2	11	14.2	17.2		1.9	9.3			
	1428	08515	71.6	48.3	11	13.6	16.5		0.7	11.7			
	1418	08520	71.7	48.4	11	13.6	16.4	*	0.9	11.6			
	1366	08521	71.9	48.5	11	13.3	17.1		0.7	12.5			
	1303	08522	72.3	48.8	10	13.0	16.7		0.9	10.6			
	1241	08523	72.4	49.0	11	13.3	16.2		0.9	12.5			
	1189	08524	72.6	49.2	13	19.1	12.5		1.7	6.8			
	1157	08525	72.6	49.0	10	12.6	18.7		0.7	8.3			
	1116	08530	72.6	49.1	13	18.9	11.3		1.8	8.9			
	1022	08531	73.5	49.4	12	17.3	15.8		0.8	5.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-117
AIRCRAFT DATA FLIGHT NUMBER 18 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	980	08532	73.7	49.6	12	17.3	15.8		0.6	5.3			
	918	08533	72.1	49.0	11	14.2	15.9	*	0.5	4.6			
	855	08534	70.4	48.7	14	18.0	15.3		0.6	4.5			
	793	08535	70.0	48.6	14	18.7	15.9		0.6	3.4			
	762	08540	69.3	48.3	15	19.7	25.7		1.1	3.3			
	741	08541	69.4	48.3	15	19.5	19.4		1.4	4.6			
	667	08542	69.9	48.6	14	19.0	16.2		0.6	6.4			
	659	08543	70.0	48.7	14	19.0	15.9	*	0.7	6.9			
	675	08544	69.2	48.6	15	20.6	16.2		0.2	9.4	7.6	7.8	1.8
	710	08545	69.2	48.5	15	20.4	15.5		0.5	10.4			
	793	08550	70.9	48.3	12	15.6	15.8		0.8	8.7			
	835	08551	72.4	48.6	10	12.0	15.9		0.6	9.1			
	907	08552	72.4	48.9	10	13.0	12.6		1.4	5.4			
	970	08553	72.6	49.1	13	18.9	11.7		2.2	5.6			
	970	08554	73.0	49.2	12	18.1	13.4		1.4	5.9			
	1001	08555	73.3	49.3	12	17.6	16.4		0.9	4.8			
	1001	08560	74.1	49.5	11	16.0	16.4	*	0.9	4.9			
	1022	08561	73.9	49.4	11	16.3	17.1		0.8	4.9	2.0	1.1	0.1
	1074	08562	73.3	49.2	12	17.3	17.2		0.8	5.0			
	1178	08563	72.7	49.0	9	12.3	17.1		0.7	5.0			
	1209	08564	72.6	48.9	9	12.3	16.9		0.7	5.1			
	1272	08565	72.1	48.7	11	13.3	20.2		0.9	5.2			
	1345	08570	71.7	48.5	11	13.9	26.9		1.4	5.7			
	1428	08571	71.6	48.6	11	14.5	20.4		1.8	6.1			
	1397	08572	72.2	48.6	10	12.6	17.6	*	1.0	7.6			
	1386	08573	72.4	48.6	10	12.0	17.0		0.9	7.4			
	1459	08574	71.9	48.4	10	13.0	17.1		0.6	8.4			
	1511	08575	71.7	48.3	11	13.3	16.8		0.5	9.4			
	1563	08580	71.5	48.3	11	13.9	16.6		0.5	9.5			
	1626	08581	71.3	48.3	11	14.5	13.6		1.5	6.7			
	1688	08582	70.9	48.0	11	14.7	13.2		1.8	8.9			
	1761	08583	70.5	47.8	12	15.3	14.1		1.8	7.3			
	1793	08584	70.4	47.8	12	15.6	16.8		1.7	6.3			
	1897	08585	70.2	47.9	13	16.4	17.9		1.2	6.0			
	1907	08590	70.2	47.8	13	16.1	17.5		1.2	6.1			
	1949	08591	70.8	48.3	12	15.9	18.1		1.3	6.6			
	1990	08592	70.8	48.5	12	16.4	17.0	*	1.1	7.8			
	2032	08593	70.7	48.6	12	16.9	22.5		1.5	8.0	0.6	1.0	0.7
	2115	08594	70.2	48.4	14	17.7	29.3		1.9	8.5			
	2084	08595	70.4	48.4	13	17.2	20.5		1.9	10.0			
	2022	09000	71.0	48.6	12	16.1	19.1		1.3	11.1			
HAWTHORNE	1876	09064	71.0	47.1	7	4.1	20.6	*	1.6	4.5			
	1782	09065	71.6	47.3	9	10.4	25.3		1.6	4.9			
	1688	09070	72.1	47.6	9	9.7	35.8		1.8	5.1			
	1616	09071	72.4	47.7	9	9.0	25.6		1.9	4.7			
	1532	09072	73.0	48.0	8	7.9	21.3		1.7	4.4			
	1428	09073	73.5	48.3	8	7.1	21.9		1.4	5.0			
	1386	09074	73.5	48.4	8	7.5	21.7	*	1.4	4.7			
	1303	09075	73.3	48.3	8	7.9	16.9		1.9	7.4			
	1199	09080	72.3	48.3	10	11.4	17.4		1.7	5.6			
	1116	09081	73.0	48.4	8	9.3	18.2		1.6	4.4			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-118
AIRCRAFT DATA FLIGHT NUMBER 18 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	1032	09082	72.6	48.5	9	11.0	18.8		1.6	4.7			
	970	09083	72.7	48.6	9	11.0	21.4		1.4	6.0			
	939	09084	72.6	48.6	9	11.4	21.8		1.3	4.2			
	939	09085	72.6	48.6	9	11.4	21.8		1.1	5.1			
	907	09090	72.8	48.6	9	10.7	21.3		1.1	4.7			
	907	09091	73.1	48.7	9	10.0	21.2		1.2	4.2			
	897	09092	72.9	48.9	9	11.4	20.9	*	1.2	3.9			
	855	09093	73.2	49.0	9	10.7	18.6		1.7	4.0			
	855	09094	72.5	49.0	10	13.0	24.2		1.3	5.0			
	814	09095	72.6	49.1	13	18.9	20.4		1.3	4.9			
	772	09100	72.6	49.1	13	18.9	19.9		1.1	5.1			
	751	09101	72.1	49.1	14	20.1	20.5		1.2	4.1			
	675	09102	72.0	49.2	14	20.5	15.1		1.8	4.5			
	595	09103	70.7	49.4	16	23.8	19.6		1.0	3.6			
	516	09104	70.0	49.6	19	25.5	26.0		1.3	2.9			
	444	09105	69.6	50.0	20	27.0	24.3		0.6	4.1			
	381	09110	69.7	50.7	21	28.1	20.6		0.7	3.8			
	206	09111	69.9	50.9	24	31.8	20.1		0.5	3.5			
	87	09112	70.3	51.4	25	32.0	19.3		0.7	3.0			
	71	09124	70.9	59.3	48	51.0	19.0		0.3	1.4			
	79	09125	70.9	59.3	48	51.0	18.7		0.4	1.3			
	71	09130	53.2	59.3	100	62.5	18.6		0.3	59.9			
	71	09131	71.1	59.4	48	50.9	19.0		0.3	18.9			
	71	09132	71.2	59.6	48	51.0	19.6		0.3	1.2			
	190	09140	71.0	51.3	22	30.7	18.4		0.9	3.7			
	365	09141	70.7	50.8	18	26.5	19.2		1.0	3.3			
	412	09142	70.5	50.6	20	26.5	20.6		0.7	5.9			
	492	09143	72.6	49.7	13	20.3	16.9		0.5	4.2			
	548	09144	73.7	50.0	12	18.4	21.1	*	0.8	4.9			
	627	09145	74.0	50.0	12	17.6	20.0		0.9	4.3			
	730	09150	73.2	49.7	13	18.9	21.2		1.2	4.0			
	783	09151	73.2	49.4	12	18.1	20.9		1.2	4.3			
	855	09152	73.0	49.1	12	17.9	21.6		1.2	4.3			
	949	09153	72.6	48.8	9	12.0	22.1		1.3	4.1			
	970	09154	72.7	48.8	9	11.7	22.1	*	1.4	3.9			
	1064	09155	72.3	48.6	10	12.3	15.9		2.3	3.7			
	1168	09160	71.8	48.3	10	13.0	18.3		1.6	4.2			
	1230	09161	71.9	48.1	10	12.0	21.9		1.5	3.8			
	1272	09162	72.1	48.2	10	11.7	22.4		1.5	4.1			
	1334	09163	73.0	48.3	8	9.0	27.1		1.3	4.1			
	1439	09164	72.7	48.3	9	10.0	38.1		2.2	4.1			
	1428	09165	73.0	48.2	8	8.6	24.3		2.6	4.3			
	1428	09170	73.4	48.5	8	8.2	20.4		1.6	5.1			
	1439	09171	73.7	48.5	8	7.1	23.7	*	1.5	4.8			
	1480	09172	73.3	48.3	8	7.9	22.2		1.6	4.8			
	1543	09173	72.9	48.1	8	8.6	23.4		1.6	4.6			
	1574	09174	72.8	48.0	8	8.6	23.0		1.6	4.5			
	1605	09175	72.7	48.0	8	9.0	24.0		1.5	5.6			
	1668	09180	72.4	47.9	9	9.7	23.5		1.7	4.8			
	1720	09181	72.4	47.8	9	9.3	23.8		1.7	5.2			
	1761	09182	72.3	47.7	9	9.3	23.9		1.7	5.1			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-119
AIRCRAFT DATA FLIGHT NUMBER 18 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	1803	09183	72.1	47.6	9	9.7	24.5	1.8	4.9			
	1813	09184	72.3	47.6	9	9.0	24.6	1.7	4.9			
	1855	09185	72.0	47.5	9	9.7	23.8	1.7	5.1			
	1928	09190	71.7	47.4	9	10.4	24.5	1.8	5.3			
	1907	09191	71.8	47.5	9	10.4	24.7	1.8	5.4			
	1876	09192	72.0	47.7	9	10.4	24.1	1.7	5.5			
	1928	09193	71.7	47.6	10	11.0	24.5	* 1.6	6.0			
	1897	09194	72.0	47.6	9	10.0	24.1	1.6	6.2			
	1980	09210	71.4	47.2	7	2.7	19.1	2.0	6.7			
	1990	09220	71.7	47.8	10	11.7	22.9	1.5	6.9			
COMMERCE	2115	09262	71.2	48.2	11	14.5	25.7	1.3	9.2			
	2084	09263	71.6	48.2	11	13.3	23.2	1.2	9.8			
	2022	09264	70.8	47.5	11	13.6	21.3	1.3	8.0			
	2022	09265	71.0	48.0	11	14.5	19.8	1.6	8.0			
	2001	09270	70.5	47.6	12	14.7	14.7	2.8	8.5			
	1938	09271	70.6	47.6	12	14.5	17.0	1.8	7.1			
	1949	09272	69.8	47.4	13	16.1	19.8	1.3	7.6			
	1949	09273	70.0	47.4	12	15.6	20.8	1.2	7.2			
	1928	09274	70.0	47.4	12	15.6	20.8	1.1	7.3			
	1845	09275	70.3	47.4	12	14.7	19.9	1.3	6.9			
	1772	09280	70.5	47.5	12	14.5	21.1	1.7	15.7			
	1688	09281	71.0	47.7	11	13.6	20.3	1.2	7.2			
	1626	09282	71.4	47.9	10	13.0	21.6	0.9	7.3			
	1563	09283	70.9	47.9	11	14.5	31.8	1.3	7.9			
	1470	09284	71.6	48.0	10	12.6	27.6	1.7	6.4			
	1418	09285	72.1	48.3	10	12.0	20.5	1.2	8.3			
	1397	09290	72.0	48.4	10	12.6	21.4	* 1.3	7.7			
	1314	09291	72.3	48.5	10	12.0	22.0	1.2	7.0			
	1251	09292	72.8	48.6	9	10.7	21.9	1.1	8.0			
	1189	09293	73.3	48.9	9	10.0	21.8	1.1	7.5			
	1137	09294	73.7	49.1	11	16.0	16.7	1.1	8.6			
	1084	09295	73.6	49.2	11	16.5	13.1	2.6	8.9			
	991	09300	73.9	49.3	11	16.0	15.3	1.8	5.0			
	960	09301	73.9	49.4	11	16.3	19.9	* 0.9	6.0			
	918	09302	72.8	49.4	13	19.1	20.1	0.8	5.7			
	907	09303	71.6	49.3	15	21.7	20.1	0.6	4.0			
	824	09304	71.7	49.4	15	21.7	21.5	1.0	3.1			
	793	09305	71.9	49.4	15	21.2	37.4	1.5	3.0			
	751	09310	72.2	49.5	15	20.8	21.3	1.1	7.8			
	667	09311	72.8	50.0	14	20.5	20.9	* 0.9	4.5			
	667	09312	72.3	49.7	13	21.0	20.5	1.0	4.1			
	675	09313	71.9	49.6	15	21.7	20.6	0.9	3.9	3.3	5.3	1.4
	730	09314	71.9	49.7	15	21.9	19.5	0.9	5.0			
	772	09315	72.8	49.7	13	19.8	20.3	1.0	5.4			
	814	09320	72.3	49.5	14	20.5	20.3	1.0	5.2			
	907	09321	71.7	49.3	15	21.4	14.7	1.7	3.3			
	960	09322	72.8	49.4	13	19.1	15.0	2.0	5.2			
	1012	09323	71.8	49.4	15	21.4	16.8	1.7	4.1			
	1022	09324	73.0	49.2	12	18.1	20.6	* 0.9	3.7			
	1084	09325	73.8	49.2	11	16.0	21.6	1.0	4.0			
	1178	09330	73.4	49.2	12	17.1	21.3	1.0	5.0			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-120
AIRCRAFT DATA FLIGHT NUMBER 18 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	1251	09331	72.8	48.9	9	11.7	22.1		1.0	6.1			
	1324	09332	72.6	48.8	9	12.0	23.3		1.0	5.7			
	1376	09333	72.3	48.6	10	12.3	29.0		1.4	5.5			
	1428	09334	72.0	48.6	11	13.3	32.9		1.6	5.7			
	1480	09335	71.7	48.4	11	13.6	19.4		2.0	8.5			
	1480	09340	72.0	48.5	10	13.0	22.4	*	1.3	7.2			
	1553	09341	71.5	48.3	11	13.9	21.9		1.3	7.8			
	1647	09342	71.1	48.1	11	14.5	21.4		1.2	9.2			
	1741	09343	70.7	47.9	11	15.0	20.9		1.4	8.4			
	1886	09344	69.9	47.6	13	16.4	17.6		2.0	7.5			
	1959	09345	69.8	47.5	13	16.4	16.4		2.5	8.1			
	1970	09350	70.4	47.7	12	15.3	22.8	*	1.2	8.0			
	2063	09351	70.6	48.0	12	15.6	19.0		2.1	7.9			
	2136	09352	70.7	48.2	12	15.9	24.3		1.9	7.4			
	2261	09353	70.7	48.2	12	15.9	23.3		1.7	8.2			
	2365	09354	70.3	47.9	13	16.1	24.2		1.8	7.5			
	2407	09355	70.5	47.7	12	15.0	22.8	*	1.8	7.3			
	2490	09360	70.3	47.6	12	15.3	25.9		1.9	7.6			
	2646	09361	69.2	46.9	10	10.3	35.2		2.3	7.9			
	2699	09362	69.2	46.5	9	8.9	35.6		2.6	7.0			
	2792	09363	68.8	46.4	10	9.9	22.1		3.1	7.2			
	2855	09364	68.7	46.3	10	9.9	24.6		2.3	7.7			
	2917	09365	68.6	46.3	10	10.3	25.6		2.2	8.5			
	2865	09370	69.3	46.3	9	7.8	25.9	*	2.3	8.1			
	2855	09371	69.5	46.3	8	7.0	22.6		2.4	8.8			
EL MONTE	2730	09421	69.4	45.4	4	- 7.9	26.2		1.8	6.0			
	2699	09422	69.4	45.2	4	- 9.6	25.6		1.8	5.9			
	2626	09423	69.4	45.1	4	-10.4	22.1		1.9	6.2			
	2594	09424	68.7	45.3	6	- 3.7	22.4		1.9	6.8			
	2511	09425	69.6	45.5	7	3.3	24.2		2.0	6.3			
	2449	09430	69.3	45.9	8	6.2	28.3		1.8	5.8			
	2438	09431	69.3	46.2	9	7.4	25.6	*	1.7	7.4			
	2355	09432	69.6	46.5	9	7.4	35.0		1.9	6.1			
	2272	09433	68.5	46.0	10	9.6	37.4		1.6	5.1			
	2199	09434	69.1	46.1	9	7.8	28.6		1.5	5.5			
	2115	09435	69.6	46.4	8	7.0	27.6		1.5	5.4			
	2042	09440	69.9	46.5	8	6.2	26.2		2.0	5.2			
	2032	09441	70.0	46.7	8	6.6	25.0		1.5	7.1			
	1990	09442	70.3	46.8	8	5.8	24.3	*	1.4	6.9			
	1959	09443	70.0	46.9	9	7.4	14.0		3.3	6.9			
	1928	09444	70.2	46.8	8	6.2	22.7		1.2	5.9			
	1949	09445	70.3	46.8	8	5.8	24.8		1.3	6.6	1.2	1.5	0.4
	1970	09450	70.5	46.8	8	5.0	24.2		1.1	6.5			
	1959	09451	70.3	47.1	8	7.0	25.5		1.0	6.3			
	1959	09452	70.0	46.9	9	7.4	22.9		1.0	7.4			
	1928	09453	70.8	46.9	7	4.1	24.5		1.2	6.4			
	1813	09454	70.4	47.1	8	6.6	23.1		1.2	6.1			
	1730	09455	71.4	47.4	10	11.4	24.3		1.2	5.4			
	1584	09460	71.6	47.6	10	11.4	30.1		1.5	4.7			
	1532	09461	71.2	47.7	10	13.0	44.2		2.2	4.4			
	1397	09462	71.6	48.0	10	12.6	23.8	*	1.2	4.9			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-121
AIRCRAFT DATA FLIGHT NUMBER 18 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
EL MONTE	1282	09463	71.5	48.6	11	14.7	26.9	0.9		3.9			
	1137	09464	72.1	48.8	11	13.6	25.7	0.9		4.2			
	1032	09465	72.6	49.0	10	12.6	24.7	0.8		4.0			
	991	09470	72.4	49.3	14	19.8	21.0	1.0		3.0			
	980	09471	72.4	49.5	14	20.3	24.6	0.8		3.7			
	980	09472	72.5	49.6	13	20.3	24.3	0.9	*	3.5	0.2	0.8	0.9
	991	09473	72.4	49.7	15	20.8	25.9	1.9		3.2			
	980	09474	72.5	49.7	14	20.5	25.4	0.8	*	4.0			
	939	09475	72.7	49.6	13	19.8	26.0	0.9		3.4			
	845	09480	72.8	50.2	14	21.0	24.3	1.4		2.6			
	772	09481	73.3	50.4	13	20.3	16.0	2.0		2.8			
	710	09482	73.9	50.6	13	19.4	15.9	1.5		5.1			
	651	09483	74.6	50.7	11	17.9	23.8	0.9		7.0			
	675	09484	74.2	51.0	16	24.5	25.2	0.7	*	6.0			
	675	09485	74.9	50.8	11	17.3	23.3	0.7		6.7	1.1	3.9	1.1
	730	09490	74.7	50.9	14	23.3	27.6	0.9		4.7			
	855	09491	73.9	50.6	13	19.4	26.4	1.1		4.3			
	928	09492	73.7	50.0	12	18.4	22.6	1.1		4.5			
	1022	09493	73.3	49.5	12	18.1	19.5	1.3		4.1			
	1147	09494	72.6	49.2	13	19.1	28.5	1.1		4.0			
	1199	09495	72.4	48.9	10	13.0	37.3	1.5		4.4			
	1178	09500	72.0	48.9	11	14.2	27.1	1.0		3.6			
	1168	09501	71.9	49.0	11	14.7	24.6	0.9		4.8			
	1126	09502	71.8	49.4	15	21.4	26.4	0.9		4.1			
	1084	09503	72.0	49.5	15	21.2	25.3	1.6		4.0			
	1012	09504	72.3	49.6	15	20.8	26.1	1.2		3.4			
	928	09505	72.6	49.9	14	20.8	25.7	1.0		3.1			
	824	09510	72.8	50.3	14	21.2	25.5	1.4		2.9			
	751	09511	74.0	50.8	13	19.6	20.8	1.1		3.0			
	651	09512	74.2	50.9	16	24.3	18.4	1.2		2.9			
	540	09513	74.8	51.3	15	23.9	24.4	0.9		3.4			
	468	09514	75.3	51.9	15	24.1	22.8	0.8		4.6			
	397	09515	75.9	52.3	15	23.7	22.9	0.4		3.1			
	373	09520	76.5	52.9	17	28.3	24.7	0.3		2.0			
	381	09521	75.7	58.2	35	45.9	24.5	0.3	*	1.9			
	373	09522	76.1	59.4	34	46.7	22.6	0.3		2.4			
	373	09523	76.0	60.6	42	50.4	24.5	0.5		1.9			
	381	09524	76.3	60.9	39	50.4	24.5	0.5		1.5			
	373	09525	76.0	61.1	42	50.8	24.5	0.4		1.6			
	373	09530	76.1	60.7	39	50.4	24.6	0.5		1.6			
	373	09531	76.0	60.6	42	50.4	24.8	0.7		4.7			
	373	09532	76.3	60.6	39	50.1	24.5	0.5		1.5			
	373	09533	76.3	61.6	40	50.9	24.4	0.5		1.7			
	373	09534	76.3	63.4	46	54.6	24.3	0.5		1.4			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-122
AIRCRAFT DATA FLIGHT NUMBER 19 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	979	13353	81.6	53.4	9	18.8	15.0		1.7	10.0			
	1010	13354	81.5	53.2	9	18.6	14.4		1.8	10.9			
	1114	13355	81.0	53.2	10	19.8	21.9		1.0	10.6			
	1135	13360	81.0	53.0	10	19.3	22.8	*	0.9	10.3			
	1177	13361	80.6	52.6	8	12.7	21.2		0.9	10.3			
	1239	13362	80.2	52.6	8	14.0	20.2		1.0	11.8			
	1302	13363	79.8	52.3	8	14.3	22.0		0.8	11.8			
	1354	13364	79.6	52.0	9	14.0	22.4		1.0	12.1			
	1448	13365	79.1	51.9	9	15.1	23.1		1.1	10.8			
	1531	13370	78.8	51.8	9	15.7	22.1		1.1	11.4			
	1604	13371	78.3	51.3	9	15.7	21.2	*	1.1	11.1			
	1604	13372	78.8	51.3	9	14.3	22.9		1.1	10.4			
	1750	13373	77.5	51.2	11	17.6	22.1		1.1	10.3			
	1781	13374	77.5	51.0	10	17.0	22.7		1.1	11.5			
	1906	13375	76.9	50.3	8	9.8	23.0		1.2	10.4			
	1979	13380	76.2	50.3	8	12.2	25.9		1.3	10.6			
	2020	13381	76.6	50.0	8	9.8	28.4		1.3	9.6			
	2062	13382	76.2	49.9	8	10.9	27.3		1.5	9.3			
	2052	13383	76.3	50.1	8	11.2	24.4	*	1.5	9.2			
	2124	13384	75.7	50.0	9	12.8	30.4		1.7	10.2			
	2249	13385	75.1	49.0	6	3.4	24.0		1.8	9.0			
	2249	13390	75.4	48.7	5	0.0	21.6		1.5	7.8			
	2312	13391	75.1	48.7	6	1.5	21.5		1.5	8.4			
	2364	13392	74.9	48.2	5	0.0	21.7		1.6	7.2			
	2426	13393	74.5	47.9	5	0.5	21.7		1.7	7.3			
	2499	13394	70.3	47.9	13	16.1	23.2	*	1.8	7.8			
	2468	13395	74.4	48.0	6	1.5	22.3		1.7	7.6			
	2572	13400	73.7	47.6	6	3.4	17.6		2.5	6.8			
	2624	13401	73.2	47.3	7	4.2	17.8		2.7	7.1			
	2687	13402	72.8	47.8	8	7.9	23.9		2.0	7.8			
	2770	13403	72.6	47.4	9	7.1	25.0		1.8	8.1			
	2822	13404	72.1	47.1	5	- 2.5	20.1		1.9	6.9			
	2926	13405	71.6	46.8	6	- 0.9	24.6		1.9	7.6			
	3020	13410	71.0	46.7	6	2.0	23.3		1.8	7.1			
	3010	13411	71.3	46.7	6	0.3	24.3	*	1.9	7.2			
	3072	13412	71.2	46.5	6	- 0.1	23.9		2.0	6.6			
	3093	13413	71.0	46.3	6	- 0.1	26.7		2.1	6.4			
	3093	13414	71.3	46.2	5	- 2.9	32.0		2.3	6.2			
	3135	13415	71.2	46.1	5	- 2.9	37.3		2.3	6.4			
	3155	13420	71.2	46.0	5	- 3.3	27.8		2.4	6.2			
COMMERCE	2541	13472	73.3	48.4	8	8.2	32.0		2.2	11.1			
	2499	13473	73.0	49.3	12	18.4	22.8		2.6	12.5			
	2406	13474	74.0	48.4	7	5.5	13.9		4.2	12.2			
	2354	13475	73.9	48.6	7	6.7	25.4	*	2.0	18.5			
	2312	13480	73.7	49.8	12	17.9	22.6		2.0	14.2			
	2229	13481	75.0	49.7	10	14.0	23.4		1.7	16.5			
	2166	13482	75.1	49.4	9	12.8	15.8		2.6	15.2			
	2104	13483	75.1	49.5	9	13.1	14.9		2.0	14.3			
	2052	13484	75.7	50.0	9	12.9	19.6		2.0	14.8			
	1968	13485	76.0	50.1	9	12.2	29.9		1.9	14.1			
	1968	13490	76.0	50.2	9	12.5	23.2	*	1.5	14.7			

SCOTT RESEARCH LABORATORIES - CPA70-611421113SR043 RUN DATE 02/04/70-123
AIRCRAFT DATA FLIGHT NUMBER 19 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	1927	13491	76.4	50.6	8	12.5	22.0		1.6	13.6			
	1864	13492	76.9	52.6	13	22.3	21.7		1.5	13.2			
	1770	13493	77.0	52.7	16	27.0	21.9		1.5	12.8			
	1677	13494	77.7	51.8	11	18.6	28.9		1.6	14.1			
	1614	13495	78.0	51.5	10	17.0	13.7		0.8	25.5			
	1583	13500	78.1	52.6	11	19.5	14.8		2.2	15.9			
	1510	13501	78.2	52.9	14	25.2	20.4		1.5	17.6			
	1458	13502	78.4	52.4	10	18.3	21.3	*	1.2	17.8			
	1448	13503	78.9	52.1	9	16.2	21.8		1.2	15.5			
	1323	13504	79.3	53.2	13	23.6	17.9		1.2	15.3			
	1260	13505	80.0	53.2	11	22.1	11.4		2.1	14.7			
	1198	13510	80.2	52.6	8	14.0	16.9		1.5	15.6			
	1083	13511	81.1	52.8	10	18.6	23.8		1.2	20.1			
	1073	13512	81.3	53.0	10	18.6	22.2		0.8	13.2			
	1041	13513	81.1	53.2	10	19.6	20.6		0.8	15.3			
	969	13514	81.2	53.5	10	20.0	18.9		0.8	14.1			
	927	13515	81.5	54.9	13	27.5	18.8		0.8	12.2			
	906	13520	81.2	55.3	15	28.7	25.3		0.9	13.5			
	812	13521	82.0	56.2	14	28.9	14.7		1.2	12.6			
	719	13522	82.2	56.4	17	33.1	9.3		2.1	15.0			
	719	13523	82.4	56.7	17	33.2	16.9		0.9	15.4			
	729	13524	82.4	55.8	13	27.5	16.7		0.9	16.8			
	729	13525	82.3	56.7	17	33.4	16.5	*	0.7	16.5			
	802	13530	82.3	56.1	14	28.2	16.8		0.7	15.7	0.6	2.3	3.4
	844	13531	81.7	55.1	13	27.5	15.1		1.1	16.0			
	896	13532	81.9	53.6	9	18.6	14.3		1.3	15.1			
	906	13533	81.7	53.6	9	19.1	18.4		1.2	14.8			
	1041	13534	81.0	53.2	10	19.8	23.8		1.0	13.1			
	1010	13535	81.2	53.1	10	19.1	19.0		0.8	13.3			
	1052	13540	81.8	53.6	9	18.8	18.4	*	0.9	14.1	1.0	2.7	2.0
	1125	13541	81.0	53.5	11	20.5	19.3		0.8	14.1			
	1114	13542	81.0	53.2	10	19.8	19.5		0.8	14.5			
	1250	13543	79.9	54.4	13	24.8	18.5		0.8	13.6			
	1312	13544	79.3	53.3	13	23.8	19.9		1.0	14.5			
	1375	13545	78.2	54.5	18	32.2	21.6		0.9	14.3			
	1406	13550	78.4	54.1	15	27.0	20.3		1.2	14.9			
	1427	13551	78.0	53.2	14	26.1	15.1		1.8	13.9			
	1448	13552	78.0	53.0	14	25.7	11.1		2.9	17.7			
	1500	13553	77.5	53.6	16	27.7	19.6		1.3	15.8	0.2	1.3	2.8
	1489	13554	77.9	54.5	19	32.7	19.1	*	1.4	16.3			
	1520	13555	78.1	54.0	15	27.4	20.5		1.1	17.2			
	1541	13560	78.3	54.6	18	32.2	19.6		1.2	15.9			
	1666	13561	77.2	53.4	16	27.9	15.0		1.5	15.7			
	1677	13562	77.1	52.9	16	27.2	16.0		1.5	15.5			
	1739	13563	76.7	52.3	13	22.0	20.6		1.3	16.2			
	1770	13564	76.9	52.1	12	21.2	27.8		1.5	14.2			
	1854	13565	76.8	51.0	11	18.8	20.6		1.3	14.1			
	1875	13570	76.5	51.5	12	20.7	17.7		1.7	18.0			
	1947	13571	76.0	52.9	18	29.1	21.1		1.7	13.7			
	2020	13572	76.0	52.1	14	23.1	22.9		1.5	13.6			
	2062	13573	75.2	52.1	15	24.7	21.7	*	1.7	13.4			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	1843	14043	76.4	49.5	7	8.8	22.7		1.7	7.3			
	1843	14044	76.4	49.4	7	8.4	23.2		1.7	7.2			
	1833	14045	76.3	49.6	7	9.5	23.5	*	1.7	7.1			
	1822	14050	76.1	49.6	8	10.2	22.8		1.6	7.2			
	1770	14051	76.1	49.6	8	10.2	25.7		1.7	7.4			
	1656	14052	76.2	49.7	8	10.2	18.1		2.1	6.7			
	1625	14053	76.5	49.7	7	9.1	13.9		3.3	8.3			
	1531	14054	76.1	50.0	9	11.5	18.4		1.9	7.2			
	1437	14055	76.4	50.1	8	10.9	19.6	*	1.5	8.2			
	1354	14060	76.5	50.3	8	11.2	16.6		1.8	8.9			
	1302	14061	76.6	50.4	8	11.2	21.5		2.2	9.0			
	1177	14062	77.2	50.3	7	8.8	29.9		1.3	8.0			
	1125	14063	77.5	50.5	7	8.4	23.2		1.3	8.1			
	1094	14064	76.9	50.3	8	9.8	21.8		1.3	9.7			
	1073	14065	76.8	50.2	8	9.8	18.6		1.4	9.3			
	1062	14070	76.6	50.3	8	10.9	17.8		1.4	9.4			
	1052	14071	76.3	50.2	8	11.5	19.1		1.4	9.4			
	989	14072	76.4	50.2	8	11.2	21.0		1.2	8.7			
	969	14073	76.4	50.3	8	11.5	20.4		1.3	9.2			
	948	14074	76.2	50.3	8	12.2	20.8		1.3	8.9			
	896	14075	76.1	50.3	8	12.5	20.7		1.4	8.8			
	896	14080	75.9	50.3	9	13.1	19.0		1.6	9.0			
	885	14081	68.8	50.4	23	29.1	2.2		0.0	54.9			
	844	14082	76.1	50.5	9	13.1	22.5		0.8	11.0			
	802	14083	76.4	50.7	9	12.8	20.6		0.9	9.6			
	792	14084	76.3	50.9	12	19.8	21.0		0.9	10.2			
	771	14085	76.6	51.2	12	19.8	21.1		0.8	9.6			
	760	14090	76.9	51.3	11	19.3	20.6		1.0	9.0			
	760	14091	77.0	51.4	11	19.3	21.2		1.2	8.7			
	740	14092	77.1	51.6	12	19.5	20.7		1.2	8.8			
	740	14093	76.8	51.6	12	20.2	21.5		1.2	9.0			
	750	14094	76.2	51.8	13	22.0	20.8		0.8	9.9			
	792	14095	75.6	53.5	19	30.7	20.6		0.8	9.2			
	823	14100	76.4	52.2	13	22.5	19.2		1.5	8.8			
	833	14101	76.8	52.0	12	21.2	20.5		1.3	8.2			
	854	14102	77.4	52.1	12	20.0	20.2		1.3	8.4			
	875	14103	76.8	51.9	12	20.9	20.2		1.2	8.7			
	875	14104	76.4	52.0	13	22.0	29.4		1.3	9.9			
	854	14105	77.1	52.1	12	20.7	21.9		1.1	9.2			
	812	14110	77.1	52.1	12	20.7	18.8		1.2	9.9			
	792	14111	77.0	52.0	12	20.7	20.3		1.0	9.3			
	750	14112	76.9	51.8	12	20.5	20.6		0.9	8.8			
	708	14113	77.1	51.9	12	20.2	20.6		0.9	8.5			
	667	14114	71.5	57.0	40	46.1	20.6		0.9	8.8			
	547	14115	71.3	59.9	53	53.4	20.1		0.7	8.2			
	491	14120	71.0	60.2	54	53.9	20.6		0.6	8.0			
	380	14121	71.1	60.7	54	54.1	20.5		0.5	8.2			
	23	14125	71.5	63.8	67	60.2	16.8		0.5	6.6			
	46	14130	72.2	63.5	66	59.6	16.7		0.6	6.9			
	46	14131	71.9	63.8	67	59.9	16.7		0.4	6.3			
	46	14132	72.7	64.6	63	59.9	16.1		0.3	6.3			

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AIRCRAFT DATA FLIGHT NUMBER 19 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	46	14133	73.0	64.7	62	59.8	17.1	0.2	5.3			
	46	14134	73.1	64.6	62	59.7	17.0	0.1	4.5			
	46	14135	73.3	65.0	62	59.8	16.7	0.1	4.9			
	46	14140	73.5	64.8	62	59.6	16.7	0.1	4.8			
	46	14141	73.4	65.1	62	59.8	16.7	0.2	4.8			
	46	14142	74.0	66.0	68	62.0	16.7	0.2	4.8			
	46	14143	73.1	66.3	69	62.7	16.9	0.2	4.6			
	46	14144	73.9	66.5	68	62.4	16.8	0.2	4.4			
	46	14145	73.4	66.4	69	62.6	17.1	0.2	4.3			
	46	14150	73.5	65.6	68	62.1	17.0	0.2	4.6			
	46	14151	73.7	65.4	67	61.9	16.9	0.2	5.1			
	46	14152	73.9	64.5	61	59.1	17.0	0.2	5.1			
	46	14153	74.0	64.0	60	58.8	16.9	0.2	5.1			
	46	14154	74.2	64.2	60	58.8	16.9	0.2	5.1			
	46	14155	74.3	63.8	56	58.5	16.9	0.2	5.5			
	46	14160	74.3	63.8	56	58.5	16.8	0.2	6.1			
	46	14161	74.4	63.4	51	56.0	16.8	0.2	5.9			
	46	14162	74.5	63.3	51	55.8	16.8	0.2	6.1			
	46	14163	74.6	63.6	55	58.1	16.8	0.2	6.2			
	46	14164	74.6	63.7	56	58.2	16.8	0.2	6.1			
	46	14165	74.8	63.7	55	58.1	16.7	0.2	6.1			
	46	14170	74.9	63.5	55	57.9	16.6	0.2	6.0			
	46	14171	74.9	63.4	51	55.6	16.6	0.2	6.0			
	46	14172	75.0	63.6	55	57.9	16.6	0.2	6.0			
	46	14173	75.1	63.9	55	58.0	16.5	0.2	6.0			
	46	14174	75.2	63.5	55	57.7	16.4	0.3	5.6			
	46	14175	75.3	63.8	55	57.8	16.1	0.2	5.5			
	46	14180	75.5	63.7	54	57.6	16.1	0.3	5.2			
	46	14181	75.3	64.3	55	58.1	16.1	0.3	4.9			
	46	14182	74.2	64.0	60	58.6	16.0	0.4	4.5			
	46	14183	73.8	63.1	55	56.1	16.0	0.4	4.9			
	38	14184	73.1	63.7	61	59.1	16.0	0.5	5.8			
	20	14185	74.3	62.8	51	55.6	15.3	0.6	8.3			
	118	14190	72.6	60.5	49	52.9	15.1	0.8	9.4			
	253	14191	71.5	59.9	52	53.3	15.7	0.6	9.3			
	316	14192	70.9	59.5	48	51.1	16.2	0.6	10.5			
	388	14193	70.6	58.9	51	50.9	16.1	0.6	11.3			
	452	14194	70.0	58.1	51	50.7	16.2	0.6	12.2			
	523	14195	69.3	57.1	46	48.1	18.3	0.8	12.7			
	555	14200	72.3	53.9	27	36.0	16.1	0.9	7.6			
	667	14201	75.1	53.9	21	32.1	15.3	1.0	6.1			
	719	14202	74.9	52.8	19	30.7	18.2	1.0	6.4			
	750	14203	75.0	52.4	16	25.7	18.2	* 1.1	10.2			
	864	14204	76.0	51.2	13	21.2	17.2	1.2	11.8			
	979	14205	76.0	50.7	10	14.0	18.3	1.2	10.5			
	1073	14210	76.0	50.3	9	12.8	19.1	1.1	8.8			
	1083	14211	76.3	50.2	8	11.5	19.4	* 1.2	8.7			
	1198	14212	76.3	49.9	8	10.5	17.3	1.3	9.3			
	1291	14213	76.4	49.8	8	9.8	16.6	1.5	9.4			
	1364	14214	76.1	49.8	8	10.9	19.0	1.4	9.6			
	1479	14215	75.9	50.2	9	12.8	20.0	1.4	8.7			

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AIRCRAFT DATA FLIGHT NUMBER 19 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	1489	14220	76.2	50.2	8	11.9	20.4	* 1.3	9.0			
	1614	14221	76.2	50.2	8	11.9	17.0	1.6	8.7			
	1729	14222	75.8	49.9	9	12.2	20.6	1.3	8.6			
	1822	14223	75.6	49.7	9	12.2	20.9	1.2	8.0			
	1875	14224	75.1	49.5	9	13.1	20.8	1.2	8.1			
	1937	14225	74.8	49.4	9	13.7	19.5	1.3	7.7			
	1958	14230	75.1	49.5	9	13.1	19.3	* 1.1	8.4			
	1968	14231	75.3	49.4	9	12.2	19.3	1.4	8.1			
	1958	14232	75.5	49.4	9	11.5	19.5	1.3	8.3			
	1968	14233	75.5	49.4	9	11.5	19.7	1.2	7.7			
	1968	14234	75.5	49.3	8	11.2	19.5	1.3	7.5			
EL MONTE	1968	14235	75.5	49.2	8	10.9	19.0	1.3	7.6			
	1958	14240	75.5	49.3	8	11.2	19.1	1.1	7.5			
	1843	14294	74.4	50.2	11	17.1	17.5	1.3	13.5			
COMMERCE	1625	14303	75.5	50.3	10	14.3	17.9	1.0	15.4			
	1312	14313	76.4	51.8	13	21.6	17.0	0.9	21.8			
	958	14323	78.3	54.6	18	32.2	24.1	1.0	13.0			
	750	14333	78.6	54.3	15	27.0	12.8	0.8	12.0	0.8	2.8	2.0
	854	14343	77.9	56.1	20	34.9	12.7	0.5	16.6			
	1156	14353	77.3	52.3	12	20.7	16.0	0.7	13.6			
	1416	14363	75.5	53.6	20	31.1	15.3	0.9	14.1			
	1750	14373	75.8	50.2	9	13.1	17.0	1.1	12.0			
	1885	14383	76.1	49.5	8	9.8	16.6	1.1	8.9			
	1958	14400	75.7	50.4	10	14.0	16.4	1.0	9.9			
	1979	14410	76.0	50.0	9	11.9	15.6	0.8	9.7			
	1968	14420	76.0	50.0	9	11.9	16.3	0.9	10.1			
	1916	14430	76.6	50.5	8	11.5	14.4	0.9	10.7			
	1947	14440	76.5	50.3	8	11.2	13.8	1.1	10.5			
	1968	14450	76.5	50.4	8	11.5	14.2	0.9	10.0			
	2072	14460	76.2	50.2	8	11.9	14.2	0.8	9.7			
	2312	14470	76.0	49.8	8	11.2	20.9	0.9	5.4			
	2281	14473	76.3	49.9	8	10.5	14.5	0.8	4.9			
	2218	14483	75.8	50.7	10	14.6	12.8	0.8	8.8			
	2218	14493	75.2	50.2	10	14.9	13.3	1.0	9.4			
	2218	14503	75.1	50.3	10	15.5	14.3	1.1	9.3			
	2218	14513	74.9	50.3	10	16.0	15.4	1.3	9.4			
	2208	14523	75.0	50.3	10	15.7	12.9	1.7	8.8			
	2239	14540	74.6	50.0	10	16.0	14.2	1.2	9.2			
	2322	14550	74.0	49.6	11	16.5	13.2	1.1	9.8			
	2364	14560	73.8	49.3	11	16.3	13.8	1.2	9.0			
	2458	14570	72.8	48.9	9	11.4	15.4	1.2	10.5			
	2447	14580	73.3	48.8	8	9.7	14.0	1.2	10.3			
	2510	14590	73.1	48.6	8	9.7	14.6	1.1	10.1			
	2562	15000	73.2	48.9	9	10.4	14.4	1.1	8.9			
	2489	15010	73.3	48.6	8	9.0	13.9	1.0	9.7			
	2510	15020	73.3	48.2	8	7.5	12.6	1.0	8.7			
	2510	15030	73.2	47.9	7	6.7	12.5	0.9	7.7			
	2458	15040	73.1	48.7	9	10.0	12.5	0.9	9.3			
	2447	15050	73.3	49.4	12	17.9	11.0	1.0	12.1			
EL MONTE	2343	15054	73.8	48.7	8	7.5	11.3	* 0.6	13.5			
	1916	15064	75.2	51.8	15	24.1	10.0	0.5	12.8			

SCOTT RESEARCH LABORATORIES CPA70-611-21113SR043 RUN DATE 02/04/70-127
AIRCRAFT DATA FLIGHT NUMBER 19 DATA DATE 10/30/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	1510	15074	78.0	52.3	11	19.1	10.2	0.3	17.4	0.8	1.6	2.4
	1312	15084	78.0	52.7	14	23.2	10.0	0.3	14.9			
	958	15094	79.0	53.8	14	25.3	8.8	0.0	11.9			
	885	15104	80.1	55.1	16	30.2	7.9	0.1	13.0			
	571	15114	82.5	55.8	13	27.3	7.3	0.0	13.1			
	1062	15124	79.0	54.3	14	26.3	8.1	0.3	12.6			
	1104	15134	78.0	53.8	15	27.2	8.6	0.0	12.3	0.8	3.1	2.6
	1083	15144	78.4	54.6	18	32.1	7.8	0.2	13.6			
	792	15154	80.2	55.5	16	30.7	7.5	0.2	12.4			
	332	15164	81.9	61.0	28	45.6	7.1	0.1	9.4	0.8	4.6	3.0
	332	15174	81.8	64.0	37	53.6	7.2	0.0	8.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-128
AIRCRAFT DATA FLIGHT NUMBER 20 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	286	08324	64.8	54.9	55	47.8	14.3		0.0	0.8			
	294	08325	64.8	55.3	55	48.1	14.3		0.1	1.0			
	294	08330	65.0	56.7	62	51.3	13.9		0.1	1.2			
	294	08331	65.1	57.1	63	51.5	13.8		0.0	0.8			
	286	08332	65.1	56.7	62	51.2	13.9		0.1	0.7			
	294	08333	65.2	57.0	63	51.4	14.0		0.1	0.7			
	294	08334	65.3	57.2	59	51.5	14.0		0.1	0.8			
	286	08335	65.7	57.0	58	51.0	14.1		0.1	0.8			
	286	08340	65.5	57.0	58	51.2	14.2		0.1	0.7			
	286	08343	65.1	56.7	62	51.2	14.3		0.1	0.5			
	286	08344	65.3	56.6	58	51.0	14.4		0.0	0.6			
	286	08345	65.3	56.8	58	51.2	14.4		0.0	0.9			
	286	08350	65.1	56.2	57	48.6	14.2		0.1	0.7			
	294	08351	65.5	56.5	58	50.8	14.2		0.1	1.0			
	286	08352	65.3	57.0	59	51.3	13.9		0.1	1.0			
	286	08353	65.3	56.2	53	48.5	14.6	*	0.2	0.6			
	286	08354	66.5	55.3	49	46.6	14.7		0.3	0.9			
	318	08355	66.0	52.3	37	38.9	14.5		1.1	1.3			
	381	08360	66.1	51.4	35	37.7	14.6		0.6	2.1			
	437	08361	66.3	51.0	34	36.9	14.4		0.9	2.0			
	516	08362	67.8	49.8	24	29.8	13.8		0.8	2.4			
	572	08363	69.7	49.9	20	26.7	14.8		0.9	2.5			
	701	08364	70.1	49.9	19	25.9	15.9		1.0	3.0			
	920	08372	73.7	50.9	17	25.3	15.4		1.0	2.3			
	962	08373	74.2	51.2	16	24.9	15.7	*	1.0	2.3			
	1066	08374	74.2	51.2	16	24.9	14.0		1.4	2.9			
	1128	08375	74.6	51.2	15	24.1	12.2		2.0	2.9			
	1212	08380	74.4	51.3	15	24.7	11.2		2.3	5.2			
	1264	08381	74.3	51.3	15	24.9	17.5		1.0	5.2			
	1347	08382	74.2	51.2	16	24.9	17.5		0.9	4.8			
	1420	08383	74.2	51.1	16	24.7	17.8		0.9	5.8			
	1472	08384	74.0	50.9	16	24.7	17.0	*	1.0	6.2			
	1524	08385	74.0	50.9	16	24.7	17.4		1.0	7.1			
	1618	08390	73.8	50.7	13	19.8	17.2		1.2	7.6			
	1659	08391	74.3	50.9	15	24.1	17.4		1.2	8.1			
	1743	08392	74.0	50.9	16	24.7	17.3		1.4	8.1			
	1836	08393	73.9	50.8	13	19.8	18.0		1.4	7.9			
	1878	08394	73.7	50.7	13	20.1	18.1		1.5	8.7			
	1941	08395	73.7	50.3	13	19.1	17.8	*	1.5	7.9			
	1961	08400	73.9	50.3	12	18.6	14.7		1.5	8.6			
	2055	08401	73.2	50.0	13	19.6	14.2		2.0	6.4			
	2138	08402	72.9	49.7	13	19.6	16.7		1.8	6.1			
	2211	08403	72.3	49.5	14	20.5	18.6		1.9	5.8			
	2263	08404	72.6	49.4	13	19.6	21.0		1.7	6.0			
	2409	08412	73.2	50.0	13	19.6	19.3		1.8	7.5			
	2440	08413	73.0	49.7	13	19.4	19.2		2.0	6.8			
	2482	08414	72.7	49.4	13	19.4	18.7		2.1	6.2			
	2555	08415	72.3	48.9	11	13.3	22.5		2.1	5.9			
	2628	08420	72.2	48.7	10	13.0	21.9		2.4	5.3			
	2680	08421	72.2	49.0	11	13.9	17.9		2.5	5.9			
	2732	08422	72.0	48.9	11	14.2	14.6		2.5	7.2			

SCOTT RESEARCH LABORATORIES .CPA70-611 .21113SR043 RUN DATE 02/04/70-12.?
AIRCRAFT DATA FLIGHT NUMBER 20 DATA DATE 11/01/6?

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2794	08423	71.7	48.8	11	14.7	13.0		2.8	6.6			
	2867	08424	71.5	48.5	11	14.5	12.8		3.2	8.3			
	2847	08425	72.1	48.7	11	13.3	16.4	*	2.0	6.9			
	2847	08430	72.2	48.6	10	12.6	17.6		2.0	6.6			
	2847	08431	72.0	48.6	11	13.3	13.4		2.5	7.5			
	2847	08432	72.1	48.6	10	13.0	15.5		2.8	7.0			
	2857	08433	71.9	48.6	11	13.6	21.5		2.6	5.7			
	2867	08434	71.7	48.5	11	13.9	25.9		2.4	6.1			
	2815	08435	72.2	48.5	10	12.3	19.6		2.1	6.2			
	2784	08440	72.2	48.8	11	13.3	17.4		2.1	6.8			
COMMERCE	2711	08484	72.2	48.9	11	13.6	17.7		2.1	4.6			
	2649	08485	72.4	49.0	11	13.3	18.6		2.0	5.0			
	2597	08490	72.6	49.2	13	15.1	22.8		2.2	5.5			
	2534	08491	72.8	49.2	12	14.6	27.7		2.3	43.4			
	2430	08492	73.4	49.4	12	13.6	26.5		2.3	4.7			
	2451	08493	73.0	49.4	12	14.6	18.1		2.3	6.4			
	2378	08494	73.2	49.4	12	14.1	18.4		1.9	6.6			
	2326	08495	73.3	49.4	12	13.9	19.5		1.9	6.8			
	2263	08500	73.5	49.7	12	14.1	13.5		3.2	5.7			
	2243	08501	73.3	49.6	12	13.4	11.1		4.2	7.8			
	2128	08502	73.7	49.7	12	13.6	12.7		3.4	6.7			
	2034	08503	73.5	50.3	13	15.6	18.7		2.0	5.1			
	1972	08504	73.5	50.4	13	15.8	17.5		1.6	5.8			
	1961	08505	73.5	50.4	13	15.8	17.5	*	1.4	6.7			
	1878	08510	73.7	50.3	13	15.1	16.2		0.0	42.7			
	1805	08511	73.8	50.3	13	14.9	17.2		0.5	20.0			
	1753	08512	73.7	50.3	13	15.1	25.7		1.1	14.8			
	1680	08513	74.4	50.5	11	13.9	29.6		2.2	6.1			
	1534	08514	74.8	50.9	14	17.1	18.2		0.9	15.2			
	1482	08515	74.8	50.9	14	17.1	18.0		1.5	10.3			
	1462	08520	74.7	50.9	14	17.3	17.9	*	1.3	9.3			
	1399	08521	74.8	50.9	14	17.1	18.5		1.5	9.8			
	1337	08522	75.1	51.2	14	17.1	14.1		1.9	8.7			
	1253	08523	75.5	51.3	14	17.5	10.7		4.0	8.9			
	1191	08524	75.3	51.5	14	17.3	13.2		2.6	7.6			
	1128	08525	75.2	51.5	14	17.5	17.0		0.8	5.6			
	1097	08530	75.0	51.5	15	17.9	17.4		1.0	5.8			
	1035	08531	75.0	51.5	15	17.9	17.1		1.1	4.8			
	983	08532	74.7	51.5	15	17.5	17.1	*	0.9	4.6			
	941	08533	74.3	51.5	16	18.3	17.3		0.7	4.7			
	910	08534	74.2	51.3	16	18.1	25.9		1.1	4.5			
	816	08535	74.2	51.4	17	19.3	26.8		1.4	4.0			
	754	08540	74.1	51.4	17	19.5	17.3		0.6	9.6			
	691	08541	71.7	51.5	21	19.9	17.8		0.9	6.1			
	572	08542	72.0	51.6	21	19.6	17.6	*	0.9	6.1	4.5	7.2	1.1
	691	08543	73.8	51.3	17	19.9	17.2		0.9	6.6			
	691	08544	73.0	51.0	18	20.8	16.9		1.0	6.0			
	743	08545	73.9	50.9	16	18.9	16.6		1.2	8.7			
	816	08550	73.9	50.9	16	18.9	17.3		1.1	8.0			
	868	08551	73.5	51.0	17	19.9	12.8		2.1	6.5			
	899	08552	73.7	51.1	17	19.7	13.0		2.6	4.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-130
AIRCRAFT DATA FLIGHT NUMBER 20 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	951	08553	74.2	51.2	16	24.9	15.3		1.7	6.3			
	983	08554	75.0	51.4	15	23.7	17.6		1.2	5.6			
	983	08555	75.7	51.7	14	22.9	17.7	*	1.1	6.0	1.4	1.9	0.8
	993	08560	75.5	51.7	14	23.3	17.9		1.0	6.0			
	1014	08561	75.3	51.5	14	23.3	18.0		1.0	6.0			
	1128	08562	75.0	51.4	15	23.7	18.6		1.0	5.4			
	1191	08563	75.0	51.4	15	23.7	20.3		1.1	5.6			
	1264	08564	74.5	51.3	15	24.5	28.1		1.6	6.5			
	1305	08565	75.0	51.5	15	23.9	28.5		1.7	6.4			
	1347	08570	75.0	51.3	14	23.5	16.5		1.8	10.0			
	1389	08571	75.0	51.2	14	23.3	17.9		1.4	8.9			
	1441	08572	74.7	51.1	15	23.7	18.4		1.4	8.5	2.2	2.0	0.6
	1430	08573	75.1	51.1	14	22.9	18.8	*	1.5	8.9			
	1441	08574	75.1	51.1	14	22.9	18.4		1.4	9.8			
	1503	08575	74.7	50.9	14	23.3	16.8		1.7	9.8			
	1607	08580	74.2	50.7	13	18.9	13.2		2.9	7.1			
	1670	08581	74.2	50.7	13	18.9	13.4		2.6	8.3			
	1712	08582	74.2	50.6	12	18.6	14.9		2.3	7.7			
	1805	08583	73.6	50.6	13	20.1	18.8		0.9	37.1			
	1889	08584	73.3	50.4	13	20.3	20.3		1.7	6.0			
	1951	08585	73.5	50.5	13	20.1	19.6		0.7	33.6			
	1993	08590	73.6	50.6	13	20.1	18.9		1.7	6.8			
	1972	08591	73.9	50.7	13	19.6	19.1		1.6	6.9			
	1951	08592	73.7	50.5	13	19.6	18.9	*	1.5	7.5			
	1961	08593	73.4	50.3	13	19.8	23.5		2.0	7.4			
	1961	08594	73.1	50.2	13	20.3	34.8		2.2	7.8			
	1982	08595	73.2	50.2	13	20.1	26.2		2.5	7.2			
	1961	09000	73.4	50.2	13	19.6	20.2		1.7	10.3			
	1930	09010	73.5	50.2	13	19.4	19.3		1.8	7.9			
HAWTHORNE	1587	09065	74.4	50.8	12	18.6	20.9		1.8	4.1			
	1514	09070	74.0	50.6	13	19.1	27.0		2.0	3.8			
	1462	09071	74.0	50.6	13	19.1	33.3		2.3	3.2			
	1389	09072	74.3	50.6	12	18.4	22.7		2.1	4.4			
	1368	09073	74.4	50.7	12	18.4	20.0	*	1.7	4.5			
	1337	09074	74.5	50.7	11	18.1	21.0		1.6	4.2			
	1274	09075	74.6	50.9	14	23.5	16.1		2.2	3.8			
	1191	09080	74.9	51.1	14	23.3	11.7		5.2	7.4			
	1087	09081	75.5	51.5	14	22.9	18.4		1.8	4.9			
	1055	09082	75.5	51.6	14	23.1	20.0		1.6	5.6			
	1014	09083	75.5	51.5	14	22.9	21.2		1.2	7.6			
	941	09084	74.5	51.5	15	24.9	19.7		1.3	7.8			
	899	09085	74.8	51.5	15	24.3	20.3		1.4	7.6			
	889	09090	75.0	51.6	15	24.1	21.7	*	1.4	8.6			
	858	09091	74.7	51.5	15	24.5	20.2		1.5	5.7			
	816	09092	74.6	51.5	15	24.7	20.8		1.4	5.5			
	785	09093	74.4	51.5	15	25.1	21.7		1.4	5.6			
	785	09094	74.2	51.5	17	25.5	31.6		1.8	5.0			
	785	09095	80.6	51.5	6	9.1	21.9		1.3	18.9			
	785	09100	74.6	51.5	15	24.7	20.6		1.2	6.5			
	722	09101	74.8	51.8	15	24.9	21.0		1.1	6.4			
	670	09102	74.4	51.8	16	25.7	21.2		1.0	6.4			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-131
AIRCRAFT DATA FLIGHT NUMBER 20 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	540	09103	73.2	51.7	18	27.7	11.5		3.3	4.8			
	413	09104	71.5	52.6	23	32.0	17.9		1.3	3.7			
	326	09105	70.2	53.6	32	38.3	14.8		1.5	3.3			
	246	09110	70.6	53.8	31	38.0	17.7		1.0	3.5			
	20	09111	70.8	54.2	30	38.3	16.9		1.0	3.5			
	20	09112	70.5	55.2	37	42.6	16.8		0.5	3.0			
	20	09113	70.4	59.0	52	51.1	17.0		0.3	3.8			
	20	09114	70.7	61.2	55	54.8	16.7		0.3	2.9			
	20	09115	70.8	61.1	55	54.6	16.7		0.4	2.2			
	20	09120	70.6	61.7	65	57.3	16.8		0.3	2.1			
	20	09121	71.0	61.6	56	54.8	16.7		0.3	2.3			
	20	09122	70.6	60.8	58	54.6	16.6		0.3	2.5			
	24	09132	71.3	60.0	53	53.5	16.8		0.3	2.5			
	20	09133	70.8	59.3	48	51.1	16.6		0.3	2.3			
	24	09134	70.9	59.6	49	51.2	17.8		0.4	2.5			
	24	09135	52.8	59.0	100	62.6	0.0		0.0	18.9			
	20	09140	71.5	58.7	46	50.0	17.5		0.4	2.3			
	24	09141	71.5	58.2	46	49.6	17.5		0.3	2.3			
	24	09142	71.0	58.0	42	47.4	17.0	*	0.4	2.1			
	24	09143	71.1	59.3	48	50.8	17.4		0.4	2.4			
	24	09144	71.3	59.3	48	50.7	17.3		0.4	2.1			
	20	09145	71.0	59.0	48	50.7	17.1		0.5	2.7			
	32	09150	71.3	55.1	34	41.7	17.4		1.3	2.9			
	143	09151	71.3	53.6	28	36.9	18.7		1.1	4.2			
	278	09152	71.0	52.9	28	36.4	20.1		1.0	4.3			
	350	09153	71.1	52.6	24	32.5	21.7		0.7	4.8			
	413	09154	70.9	52.6	24	32.8	21.7		0.9	4.8			
	509	09155	73.0	51.5	18	27.7	24.8		1.0	5.2			
	564	09160	73.2	51.2	18	26.8	29.2		1.3	4.8			
	681	09161	73.9	51.2	17	25.5	23.7		1.4	4.6			
	712	09162	74.4	51.5	15	25.1	21.3	*	1.3	4.7			
	795	09163	74.2	51.6	17	25.7	20.7		1.4	4.7			
	858	09164	74.3	51.5	16	25.3	21.0		0.9	5.7			
	931	09165	74.6	51.5	15	24.7	20.6		1.5	6.5			
	1035	09170	74.2	51.3	16	25.1	21.1		1.5	7.0			
	1055	09171	75.4	51.5	14	23.1	21.6	*	1.5	7.3			
	1128	09172	75.3	51.2	14	22.7	19.2		1.9	7.1			
	1212	09173	74.8	51.0	14	23.3	16.7		2.2	6.8			
	1305	09174	74.3	50.8	12	18.9	22.5		1.6	7.4			
	1347	09175	74.6	50.8	11	18.1	21.6		1.7	5.4			
	1430	09180	74.3	50.7	12	18.6	21.9		1.8	4.8			
	1451	09181	74.7	50.7	11	17.6	22.9	*	1.9	4.2			
	1545	09182	74.7	50.6	11	17.3	22.0		2.0	4.8			
	1618	09183	74.6	50.6	11	17.6	22.5		2.0	4.2			
	1659	09184	74.6	50.6	11	17.6	22.7		2.1	4.6			
	1701	09185	74.4	50.5	11	17.9	22.9		2.2	4.8			
	1784	09190	74.3	50.4	11	17.9	22.6		2.2	5.4			
	1836	09191	74.3	50.3	11	17.6	22.6		2.3	6.3			
	1878	09192	74.4	50.3	11	17.3	22.9		2.3	5.7			
	1930	09193	73.9	50.2	12	18.4	22.5		2.4	6.2			
	1972	09194	74.4	50.1	11	16.8	24.4		2.4	6.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-132
AIRCRAFT DATA FLIGHT NUMBER 20 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	1961	09195	74.5	50.1	11	16.5	24.0		2.3	6.1			
	1972	09200	74.5	50.1	11	16.5	23.2		2.3	6.3			
	1972	09201	74.6	50.0	10	16.0	23.4	*	2.2	5.8			
	1982	09202	74.6	50.1	11	16.3	24.0		2.1	5.9			
	1972	09203	74.7	50.1	10	16.0	23.6		2.0	6.0			
	1972	09204	74.8	50.1	10	15.7	23.6		2.0	6.1			
	1961	09205	74.8	50.1	10	15.7	22.5		2.1	5.9			
	1951	09210	74.9	50.1	10	15.5	20.4		2.3	6.1			
	1941	09211	75.1	50.2	10	15.2	19.7		2.5	6.5			
	1941	09212	75.2	50.3	10	15.2	18.7		2.7	6.7			
	1930	09213	75.4	50.3	10	14.6	22.6		2.1	6.4			
	1941	09214	75.3	50.3	10	14.9	24.0		2.0	6.4			
	1951	09215	75.3	50.3	10	14.9	23.6		2.0	6.2			
	1951	09220	75.3	50.3	10	14.9	24.1		2.0	6.8			
	1951	09221	75.3	50.3	10	14.9	23.5		2.1	6.8			
	1993	09230	74.6	50.1	11	16.3	24.3		2.2	7.1			
COMMERCE	1982	09240	74.0	50.0	12	17.6	24.6		2.1	7.9			
	1982	09241	73.6	49.9	12	18.4	24.3		2.1	7.9			
	1930	09242	73.5	49.8	12	18.4	23.9		2.1	8.0			
	1899	09243	73.4	49.9	13	18.9	19.8		2.4	7.8			
	1909	09244	73.1	49.9	13	19.6	22.1	*	2.3	6.9			
	1878	09245	73.5	50.0	13	18.9	22.6		2.0	6.5			
	1857	09250	73.6	50.0	12	18.6	21.9		1.9	6.5			
	1784	09251	74.1	50.2	12	17.9	21.9		1.8	6.8			
	1712	09252	73.9	50.0	12	17.9	21.9		1.3	15.9			
	1680	09253	73.8	50.0	12	18.1	21.9		1.2	20.2			
	1649	09254	73.5	50.0	13	18.9	29.9		2.0	14.6			
	1545	09255	74.2	50.3	12	17.9	37.8		1.9	6.8			
	1451	09260	74.8	50.6	11	17.1	28.9		1.6	11.5			
	1410	09261	74.8	50.6	11	17.1	23.2	*	1.6	10.1			
	1357	09262	75.0	50.7	11	16.8	23.3		1.1	22.4			
	1274	09263	75.0	50.9	14	22.7	21.7		1.2	21.9			
	1243	09264	74.9	50.9	14	22.9	14.8		2.9	8.4			
	1191	09265	74.8	50.9	14	23.1	14.4		3.1	7.5			
	1149	09270	74.6	50.9	14	23.5	20.0		2.4	7.1			
	1118	09271	74.6	51.1	15	23.9	22.1		1.3	7.7			
	1087	09272	74.1	50.9	16	24.5	21.0		1.3	8.3			
	1045	09273	74.1	50.9	16	24.5	21.6		1.3	6.9			
	983	09274	74.0	50.9	16	24.7	21.1		1.2	6.5			
	920	09275	74.1	50.7	13	19.1	21.7	*	1.0	6.0			
	910	09280	73.4	50.9	17	25.9	30.0		1.5	5.1			
	826	09281	73.3	51.7	18	27.5	33.3		1.4	4.1			
	774	09282	73.2	51.9	19	28.1	20.4		1.1	5.6			
	712	09283	73.5	52.1	18	27.9	22.5		1.0	5.7	3.9	9.3	2.4
	670	09284	73.7	52.2	18	27.7	20.6	*	1.0	4.8			
	691	09285	73.5	52.1	18	27.9	20.7		0.9	5.2			
	701	09290	73.4	51.8	18	27.5	21.7		1.1	5.8			
	785	09291	73.2	51.2	18	26.8	21.7		1.1	5.8			
	847	09292	72.4	51.0	20	27.9	17.5		1.1	17.9			
	889	09293	73.7	50.6	13	19.8	15.0		2.5	6.2			
	951	09294	73.6	50.5	13	19.8	16.6		1.9	15.0			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-133
AIRCRAFT DATA FLIGHT NUMBER 20 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	1024	09295	73.8	50.7	13	19.8	23.2		1.6	5.5			
	1055	09300	74.5	50.9	15	23.7	22.6	*	1.2	6.8			
	1118	09301	74.6	50.9	14	23.5	22.4		1.5	7.9			
	1212	09302	74.7	50.9	14	23.3	25.2		1.5	6.6			
	1295	09303	74.6	50.9	14	23.5	30.5		1.0	9.9			
	1389	09304	74.3	50.8	12	18.9	33.1		1.3	9.5			
	1482	09305	73.9	50.6	13	19.4	22.9		1.3	9.1			
	1607	09310	73.3	50.4	13	20.3	24.0		1.3	8.8			
	1701	09311	73.0	50.1	13	20.3	25.3		1.3	8.6			
	1816	09312	72.8	49.9	13	20.3	26.0		1.1	8.9			
EL MONTE	2742	09371	72.6	48.3	9	10.4	25.9		2.2	6.7			
	2680	09372	73.1	48.6	8	9.7	25.2		1.1	23.7			
	2628	09373	73.3	48.7	8	9.3	20.8		2.5	7.9			
	2586	09374	73.5	48.7	8	8.6	23.5		2.6	7.1			
	2524	09375	73.7	48.8	8	8.2	26.9		2.2	7.6			
	2492	09380	73.6	49.1	11	16.3	32.0		2.1	7.9			
	2440	09381	73.5	49.3	12	17.1	42.0		2.4	7.4			
	2399	09382	73.5	49.4	12	17.3	28.4		2.0	8.2			
	2378	09383	73.4	49.2	12	17.1	28.0	*	2.1	8.0			
	2295	09384	73.5	49.6	12	17.9	28.9		2.1	7.8			
	2232	09385	73.7	49.9	12	18.1	31.5		2.1	7.9			
	2170	09390	73.7	49.8	12	17.9	28.8		2.4	7.4			
	2138	09391	74.2	50.0	12	17.1	22.2		2.2	7.6			
	2086	09392	74.2	50.0	12	17.1	19.7		2.3	7.9			
	2045	09393	74.2	50.3	12	17.9	16.8		2.9	10.0			
	1993	09394	74.2	50.5	12	18.4	17.5		2.7	9.0			
	1972	09395	73.7	50.0	12	18.4	23.9		2.3	9.0			
	1941	09400	73.9	50.0	12	17.9	24.5		1.9	8.7			
	1920	09401	73.8	50.0	12	18.1	24.3	*	1.8	9.0			
	1878	09402	73.9	50.0	12	17.9	23.6		1.9	8.9			
	1826	09403	74.1	50.1	12	17.6	24.6		1.8	9.4			
	1784	09404	74.2	50.2	12	17.6	24.6		1.7	9.1			
	1712	09405	74.3	50.3	11	17.6	24.8		1.6	9.9			
	1670	09410	74.5	50.3	11	17.1	24.4		1.5	10.3			
	1607	09411	74.6	50.4	11	17.1	25.0		1.4	10.6			
	1555	09412	74.6	50.4	11	17.1	25.6		1.3	10.1			
	1462	09413	74.7	50.5	11	17.1	24.8	*	1.3	9.5			
	1441	09414	74.4	50.4	11	17.6	40.2		1.8	8.6			
	1368	09415	74.5	50.5	11	17.6	32.5		1.5	7.8			
	1295	09420	74.8	50.7	11	17.3	28.1		1.2	7.2			
	1201	09421	74.8	50.7	11	17.3	19.2		1.9	7.3			
	1191	09422	74.6	50.6	11	17.6	23.2		1.0	6.8			
	1108	09423	74.4	50.5	11	17.9	24.7		1.0	6.3			
	1076	09424	74.7	50.7	11	17.6	24.6		1.0	6.2			
	1066	09425	74.5	50.9	15	23.7	22.4		1.0	6.3			
	1066	09430	74.6	50.9	14	23.5	23.9	*	1.1	5.9			
	1066	09431	74.1	50.9	16	24.5	25.2		1.0	5.3			
	1055	09432	74.4	50.9	15	23.9	17.1		2.1	5.4			
	1014	09433	74.4	50.9	15	23.9	26.8		0.9	4.8	1.2	1.9	0.7
	1024	09434	74.1	50.7	13	19.1	26.4		0.9	4.5			
	1035	09435	74.0	50.6	13	19.1	25.7		0.9	3.9			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-134
AIRCRAFT DATA FLIGHT NUMBER 20 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	1024	09440	73.9	50.6	13	19.4	27.0		0.9	3.9			
	1014	09441	73.9	50.7	13	19.6	37.0		1.2	2.3			
	931	09442	74.4	50.8	12	18.6	32.9		1.2	1.4			
	847	09443	75.3	51.0	14	22.3	24.6		0.9	0.9			
	774	09444	75.1	51.2	14	23.1	21.1		1.7	1.3			
	681	09445	74.9	51.6	15	24.3	22.1		1.1	0.5	0.6	9.5	2.3
	572	09450	74.2	53.1	22	32.3	25.6	*	1.3	0.4			
	580	09451	74.2	53.2	22	32.4	24.6		1.0	0.7			
	580	09452	73.5	53.2	23	33.4	25.6	*	1.1	0.8			
	691	09453	74.4	52.6	17	27.2	24.5		1.2	1.3			
	816	09454	74.6	51.4	15	24.5	24.2		1.3	0.7			
	889	09455	74.8	51.0	14	23.3	24.6		1.4	0.9			
	1045	09460	75.0	51.1	14	23.1	21.0		1.5	0.6			
	1139	09461	74.8	51.1	14	23.5	20.4		1.6	0.5			
	1243	09462	74.8	50.9	14	23.1	26.5		1.4	0.4			
	1357	09463	74.8	50.8	11	17.6	27.0		1.5	4.5			
	1451	09464	74.9	50.9	14	22.9	25.6		1.5	26.3			
	1420	09465	75.3	50.8	11	16.3	25.2		1.4	8.8	0.5	0.9	0.6
	1430	09470	75.0	50.8	11	17.1	26.1		1.4	7.4			
	1451	09471	75.5	50.7	10	15.5	26.5	*	1.4	6.9			
	1472	09472	75.3	50.8	11	16.3	19.9		2.0	8.0			
	1451	09473	75.2	50.8	11	16.5	22.7		2.0	8.1			
	1378	09474	74.9	50.8	11	17.3	37.9		1.3	8.5			
	1368	09475	74.2	50.6	12	18.6	26.5		1.1	8.5			
	1295	09480	74.4	50.6	11	18.1	26.2		1.0	8.4			
	1180	09481	74.1	50.6	13	18.9	26.0		0.9	7.1			
	1076	09482	74.2	50.8	13	19.1	26.9		0.7	7.0			
	1024	09483	74.5	50.9	15	23.7	26.7		0.9	6.6			
	1003	09484	74.6	51.1	15	23.9	26.0		0.9	5.9			
	1003	09485	74.6	51.3	15	24.3	26.1		1.2	4.6			
	962	09490	74.6	51.1	15	23.9	25.3		1.1	4.8			
	962	09491	74.6	51.2	15	24.1	15.6		2.2	6.2			
	962	09492	74.6	51.1	15	23.9	26.5		1.3	6.3			
	931	09493	74.8	51.1	14	23.5	25.6		1.2	6.2			
	878	09494	75.0	51.2	14	23.3	25.9		1.0	6.0			
	858	09495	75.0	51.3	14	23.5	33.9		1.0	5.8			
	806	09500	74.2	51.6	17	25.7	31.7		1.1	5.4			
	722	09501	75.1	51.7	15	24.1	26.6		0.7	5.2			
	670	09502	75.5	52.1	15	24.1	26.6		1.1	4.2			
	524	09503	74.2	53.5	23	32.9	21.8		1.4	4.5			
	429	09504	75.0	53.4	20	31.5	27.2		0.5	4.4			
	358	09505	75.6	54.3	20	32.0	26.1		0.9	4.3			
	318	09510	74.2	56.1	29	39.5	23.7		0.5	3.4			
	326	09511	74.2	60.1	46	51.4	23.8	*	0.5	3.5			
	334	09512	74.2	62.5	53	55.5	23.7		0.6	3.6			
	334	09513	74.6	61.6	45	52.2	23.6		0.4	3.7			
	326	09514	74.8	59.7	38	48.1	22.7		0.4	2.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-135
AIRCRAFT DATA FLIGHT NUMBER 21 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	284	13245	87.6	60.8	18	39.4	19.8	0.3	10.6			
	284	13250	86.7	61.0	20	40.7	19.6	0.3	10.6			
	284	13251	87.7	61.0	18	39.6	19.5	0.3	10.4			
	284	13252	87.6	60.9	18	39.6	19.3	0.3	10.5			
	284	13253	87.8	60.7	18	39.1	19.0	0.3	10.7			
	284	13254	86.7	61.4	21	41.1	18.7	0.3	22.2			
	284	13255	87.2	62.3	23	44.8	18.7	0.4	11.3			
	284	13260	88.2	62.6	22	44.2	17.9	0.3	10.5			
	284	13261	88.5	62.2	21	43.5	17.8	0.1	10.1			
	284	13262	88.8	61.9	20	42.9	17.9	0.1	9.6			
	284	13263	89.0	62.5	20	43.3	17.9	0.1	9.9			
	284	13264	89.1	63.2	20	43.9	17.8	0.1	9.9			
	284	13265	89.2	63.7	23	47.4	17.9	0.1	9.7			
	284	13270	89.2	63.6	23	47.3	17.9	0.1	9.8			
	284	13271	89.2	63.9	24	47.6	18.0	0.1	9.8			
	284	13272	89.2	63.1	20	43.7	17.7	0.2	9.7			
	284	13273	89.0	62.5	20	43.3	18.0	0.1	9.4			
	284	13274	88.9	63.5	24	47.5	17.8	0.1	9.6			
	284	13275	88.6	63.6	25	47.9	17.5	0.1	9.7			
	284	13280	88.9	63.4	21	44.3	17.1	0.1	9.5			
	284	13281	88.9	62.2	20	43.1	16.9	0.2	9.7			
	284	13282	88.5	62.3	21	43.6	17.3	0.1	9.7			
	284	13283	88.1	62.9	22	44.6	17.1	0.2	11.2			
	284	13284	87.5	62.2	22	44.5	16.6	0.2	9.8			
	276	13285	87.1	60.2	18	39.3	15.2	0.3	13.4			
	324	13290	86.4	58.3	16	33.9	14.3	1.1	14.9			
	387	13291	85.0	57.6	14	30.7	14.1	0.6	16.4			
	419	13292	85.0	57.4	14	30.4	13.6	0.7	17.2			
	624	13293	84.6	57.3	15	30.8	13.3	0.7	17.2			
	676	13294	84.2	58.2	18	36.7	13.3	0.9	19.1			
	717	13295	83.3	58.3	19	38.0	14.4	1.0	22.1			
	759	13300	83.2	58.0	17	34.0	15.1	1.0	23.7			
	759	13301	83.6	57.5	16	32.7	16.6	1.0	22.3			
	811	13302	83.0	57.2	17	33.1	16.6	1.5	22.9			
	894	13303	82.2	56.9	17	33.8	16.0	1.7	21.7			
	998	13304	81.4	56.5	19	34.4	14.2	2.4	20.0			
	1030	13305	81.1	56.2	16	30.4	21.6	1.5	20.5			
	1040	13310	81.3	56.7	19	34.8	18.0	1.4	20.0			
	1123	13311	80.9	56.7	20	35.3	15.7	2.4	21.2			
	1196	13312	80.2	56.4	20	35.9	16.6	2.3	22.0			
	1248	13313	80.0	55.8	17	31.5	17.4	2.3	23.6			
	1290	13314	79.8	56.0	17	32.1	18.4	1.7	24.1			
	1342	13315	79.7	55.5	17	31.5	18.9	1.8	25.0			
	1405	13320	79.3	55.3	18	31.8	18.7	1.8	24.2			
	1509	13321	78.8	54.7	18	31.6	18.7	1.7	23.9			
	1498	13322	79.1	54.5	17	30.8	18.3	1.7	22.1			
	1592	13323	78.7	54.2	15	26.7	19.8	1.7	22.5			
	1686	13324	78.0	53.5	15	26.7	20.1	1.6	20.9			
	1811	13325	77.4	53.0	16	26.9	21.5	1.8	19.2			
	1842	13330	77.2	52.8	16	26.9	20.6	1.9	18.8			
	1925	13331	76.7	52.3	13	22.0	22.9	1.8	18.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-136
AIRCRAFT DATA FLIGHT NUMBER 21 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	1988	13332	76.2	52.0	13	22.5	22.9	2.0	16.7			
	2009	13333	76.2	52.0	13	22.5	22.4	2.1	17.3			
	2113	13334	75.8	51.7	14	22.7	27.5	2.2	16.5			
	2175	13335	75.4	51.5	14	23.1	28.3	2.4	15.9			
	2206	13340	75.4	51.5	14	23.1	31.9	2.4	16.9			
	2311	13341	74.6	51.4	15	24.5	26.5	2.5	16.6			
	2404	13342	73.9	50.9	16	24.9	23.2	2.7	16.0			
	2456	13343	74.0	50.7	13	19.4	23.0	2.4	16.0			
	2446	13344	74.3	50.9	15	24.1	24.1	2.4	15.6			
	2540	13345	73.5	50.9	17	25.7	22.2	2.7	16.8			
	2623	13350	72.8	50.6	14	21.9	24.2	2.8	16.6			
	2654	13351	72.7	50.6	14	22.1	22.8	3.0	16.0			
	2717	13352	71.9	51.5	21	29.6	18.6	4.5	18.7			
	2769	13353	71.6	51.6	22	30.2	17.9	5.6	21.3			
	2862	13354	71.2	51.2	22	30.2	17.7	5.5	23.0			
	2925	13355	70.8	50.1	17	25.0	21.2	4.6	20.7			
	3008	13360	70.6	49.8	18	24.8	23.9	4.0	18.8			
	3019	13361	70.7	50.2	18	25.4	26.2	3.7	21.4			
	3123	13362	70.3	48.9	14	18.7	25.9	3.6	17.3			
	3185	13363	70.3	47.8	13	15.9	26.6	3.3	12.4			
	3248	13364	70.2	47.3	12	14.7	28.1	3.3	9.4			
	3331	13365	70.2	46.8	8	6.2	33.7	3.5	8.3			
	3404	13370	69.2	46.8	10	9.9	38.0	3.6	8.1			
	3373	13371	70.5	47.1	8	6.2	29.9	3.3	7.6			
	3414	13372	70.2	46.9	8	6.6	32.9	3.3	9.5			
	3518	13373	69.5	46.2	8	6.6	27.7	3.6	7.5			
	3591	13374	69.2	46.0	8	7.0	25.5	3.7	7.4			
	3654	13375	67.4	46.4	12	14.4	25.9	4.1	7.4			
	3706	13380	69.1	45.7	8	6.2	26.1	4.0	7.8			
	3779	13381	68.4	45.4	6	- 2.1	26.0	4.7	7.0			
	3841	13382	68.3	45.5	10	8.5	25.7	5.3	6.5			
	3883	13383	68.2	45.5	10	8.9	28.1	4.7	5.8			
	3883	13384	68.6	45.7	9	8.1	28.2	4.6	5.7			
	3873	13385	68.7	45.4	6	- 3.3	27.3	4.7	6.3			
	3883	13390	68.8	45.4	6	- 3.7	27.9	4.3	6.0			
	3852	13391	69.1	45.4	5	- 5.6	28.3	4.1	6.1			
	3852	13392	69.1	45.2	5	- 7.2	27.8	4.0	6.5			
	3883	13393	68.9	45.1	5	- 6.4	28.1	3.9	6.0			
	3883	13394	68.9	45.1	5	- 6.4	28.4	3.8	5.9			
	3873	13400	68.9	45.4	5	- 4.3	28.4	3.7	5.2			
COMMERCE	3727	13423	69.5	46.0	8	5.8	30.1	3.2	4.8			
	3633	13424	69.8	46.4	8	6.2	30.0	3.1	4.4			
	3539	13425	69.9	46.6	8	6.6	29.9	3.0	4.3			
	3498	13430	70.2	46.7	8	5.8	30.3	3.1	4.1			
	3383	13431	70.6	47.0	8	5.4	29.7	3.0	4.4			
	3310	13432	70.9	47.2	7	5.0	30.8	3.0	4.3			
	3206	13433	71.7	47.7	10	11.4	33.2	3.3	4.5			
	3175	13434	71.9	47.8	10	11.0	26.3	3.5	5.1			
	3071	13435	72.4	48.3	10	11.0	19.3	4.2	5.5			
	2977	13440	73.0	48.6	9	10.0	15.6	5.1	5.8			
	2925	13441	73.0	48.7	9	10.4	26.5	2.8	6.6			

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AIRCRAFT DATA FLIGHT NUMBER 21 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CC
COMMERCE	2873	13442	73.0	48.9	9	11.0	26.7	2.8	6.7			
	2685	13443	74.0	49.6	11	16.5	25.2	2.7	6.9			
	2644	13444	74.3	49.6	10	15.7	26.3	2.7	6.7			
	2540	13445	74.7	49.6	10	14.6	25.7	2.7	7.3			
	2456	13450	75.0	49.7	10	14.0	26.3	2.7	6.7			
	2425	13451	75.3	49.7	9	13.1	25.9	2.8	10.3			
	2373	13452	75.1	49.9	10	14.3	17.6	3.6	6.2			
	2290	13453	75.4	49.8	9	13.1	24.1	3.2	6.7			
	2238	13454	75.8	50.0	9	12.5	33.0	3.4	14.0			
	2134	13455	76.5	50.0	8	10.2	36.6	2.7	5.4			
	2081	13460	76.7	50.3	8	10.5	27.4	2.6	6.1			
	2019	13461	76.6	50.4	8	11.2	28.4	3.0	17.1			
	1977	13462	76.2	50.6	9	13.1	27.3	2.5	6.2			
	1936	13463	76.5	50.9	11	19.3	27.6	2.4	6.8			
	1832	13465	76.0	51.5	13	21.8	28.7	3.2	16.9			
	1769	13470	76.3	51.7	13	21.6	31.8	2.3	7.9			
	1738	13471	76.2	51.8	13	22.0	31.2	3.3	17.3			
	1623	13472	77.2	52.0	12	20.2	19.5	3.3	7.0			
	1530	13473	77.5	52.2	12	20.0	15.7	3.3	10.9			
	1457	13474	77.6	52.2	12	19.8	25.5	2.3	10.1			
	1384	13475	77.7	52.1	11	19.3	19.6	2.5	8.5			
	1332	13480	77.7	52.2	12	19.5	15.6	2.9	6.0			
	1269	13481	77.0	52.3	12	21.4	22.6	2.7	6.6			
	1144	13482	78.7	52.4	10	17.6	39.0	2.7	4.0			
	1103	13483	77.8	52.6	12	20.2	26.4	1.9	3.8			
	1061	13484	76.8	53.8	17	29.3	26.3	2.2	4.0			
	1019	13485	79.0	52.9	13	23.6	23.5	2.0	4.1			
	1009	13490	77.0	53.2	16	27.9	25.0	1.6	3.8			
	946	13491	77.4	53.4	16	27.6	35.3	1.9	4.1			
	842	13492	77.5	54.0	17	28.4	19.8	2.5	4.8			
	759	13493	77.7	54.7	20	33.2	12.5	4.4	8.7			
	759	13494	78.1	55.0	19	33.1	23.5	1.6	12.3	2.8	1.8	2.3
	769	13495	78.3	55.0	19	32.8	23.3	1.7	14.5			
	769	13500	78.5	55.3	19	32.9	23.5	1.7	16.0			
	780	13501	78.8	55.0	18	32.1	22.8	1.6	20.5			
	905	13502	77.7	54.7	20	33.2	15.2	2.6	24.0			
	967	13503	77.3	54.7	21	33.8	21.6	2.3	17.8			
	1019	13504	77.8	53.8	16	27.6	32.9	2.4	14.1			
	1019	13505	78.1	54.4	16	28.1	25.6	1.8	14.4			
	1061	13510	77.6	54.2	17	28.6	23.8	2.0	12.9	0.3	1.2	0.6
	1051	13511	78.8	53.5	14	25.2	25.8	1.9	11.5			
	1061	13512	79.3	53.6	13	24.4	25.0	2.0	12.6			
	1123	13513	79.0	52.7	13	23.1	31.2	2.0	9.9			
	1155	13514	78.5	52.6	10	18.6	26.0	2.4	9.3			
	1165	13515	79.2	52.6	10	16.8	17.4	3.0	9.4			
	1196	13520	78.4	52.6	11	18.8	14.1	3.9	11.3			
	1300	13521	78.1	52.4	11	19.1	25.6	2.0	10.8			
	1353	13522	78.1	52.6	11	19.5	25.1	1.9	10.6			
	1415	13523	77.8	52.6	12	20.2	24.2	1.9	11.1			
	1467	13524	77.5	52.3	12	20.2	24.0	2.0	11.1	0.6	1.2	0.1
	1436	13525	77.6	52.2	12	19.8	24.0	2.0	11.4			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE	1436	13530	77.7	52.0	11	19.1	24.6	2.1	11.0			
	1509	13531	77.1	51.8	12	20.0	16.1	3.3	10.0			
	1571	13532	76.9	51.8	12	20.5	26.9	2.8	9.7			
	1613	13533	76.7	51.8	12	20.9	38.9	2.6	9.5			
	1686	13534	76.5	51.8	12	21.4	25.5	2.1	9.4			
	1759	13535	76.7	52.1	13	21.6	24.7	2.2	10.7			
	1832	13540	76.5	51.9	13	21.6	25.6	2.2	10.3			
	1884	13541	76.2	51.9	13	22.3	25.0	2.3	11.1			
	1946	13542	76.5	51.5	12	20.7	25.8	2.3	10.3			
	1967	13543	76.5	51.5	12	20.7	25.9	2.3	9.1			
	1977	13544	76.4	51.5	12	20.9	30.5	2.4	9.5			
	2113	13545	76.1	51.3	12	21.2	25.3	2.8	9.0			
	2113	13550	76.5	51.3	12	20.2	18.0	3.5	7.6			
	2206	13551	75.8	51.2	13	21.6	13.2	4.7	8.9			
	2290	13552	75.4	50.9	13	21.8	24.8	2.4	8.0			
	2352	13553	75.2	50.6	10	16.0	25.4	2.4	7.7			
	2404	13554	74.9	50.4	11	16.3	25.7	2.4	7.5			
	2446	13555	74.9	50.1	10	15.5	23.9	2.4	6.9			
	2488	13560	74.7	50.0	10	15.7	19.7	2.9	6.3			
	2560	13561	74.4	49.7	10	15.7	20.2	3.0	6.1			
	2571	13562	74.4	49.7	10	15.7	26.3	3.0	5.7			
	2654	13563	73.9	49.4	11	16.3	39.0	3.3	5.2			
	2706	13564	73.5	49.4	12	17.3	27.2	2.6	5.4			
	2748	13565	73.5	49.8	12	18.4	26.2	2.6	6.3			
	2800	13570	73.5	49.5	12	17.6	26.6	2.6	6.0			
	2883	13571	73.3	49.5	12	18.1	25.6	2.6	6.6			
	2894	13572	73.5	49.4	12	17.3	26.5	2.6	5.7			
	2862	13573	73.7	49.6	12	17.3	24.2	2.7	6.2			
	2883	13574	73.6	49.6	12	17.6	18.1	2.9	10.4			
	2915	13575	73.3	49.6	12	18.4	17.4	3.4	7.1			
	2967	13580	73.2	49.5	12	18.4	19.5	3.0	7.1			
	3008	13581	73.1	49.2	12	17.9	23.2	2.6	6.7			
	3019	13582	73.0	48.9	9	11.0	22.3	1.4	10.7			
	2998	13583	73.2	49.1	12	17.3	22.8	2.2	5.9			
	3019	13584	73.1	49.0	9	11.0	22.8	2.2	6.2			
	3050	13590	73.0	48.6	9	10.0	23.0	2.2	6.0			
	3092	14000	73.0	48.1	8	8.2	23.2	2.1	6.2			
EL MONTE	2415	14035	74.6	49.1	9	13.4	29.0	2.6	7.2			
	2363	14040	75.0	49.1	9	12.2	22.1	2.8	7.1			
	2311	14041	74.7	49.3	9	13.7	23.3	2.3	7.9			
	2206	14042	75.8	49.4	8	10.5	23.8	2.3	8.7			
	2154	14043	76.0	49.7	8	10.9	23.2	2.3	8.8			
	2081	14044	76.6	49.9	7	9.5	23.8	2.2	8.3			
	2019	14045	76.6	50.2	8	10.5	17.3	3.2	8.3			
	1956	14050	76.3	50.3	8	11.9	14.0	4.0	8.9			
	1925	14051	76.7	50.9	11	18.8	20.3	2.1	9.7			
	1915	14052	77.0	51.4	11	19.3	20.7	* 2.1	12.2			
	1936	14053	77.0	50.9	11	18.1	16.8	3.0	11.8			
	1946	14054	76.6	52.0	13	21.6	27.0	2.7	14.7			
	1956	14055	76.7	51.7	12	20.7	34.4	2.4	14.6			
	1956	14060	76.7	51.8	12	20.9	23.0	2.2	14.7			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	1967	14061	77.0	50.9	11	18.1	23.8		2.1	11.3			
	1977	14062	77.1	50.5	8	9.8	24.4		2.1	9.2			
	1915	14063	77.2	51.4	11	18.8	24.3		2.0	11.3			
	1779	14064	76.9	52.4	13	21.8	22.8		1.8	11.5			
	1727	14065	77.3	52.9	16	26.9	23.3		1.7	12.7			
	1602	14070	77.3	53.2	16	27.4	24.9		1.4	16.2			
	1425	14074	77.3	53.7	17	28.3	21.9		1.5	16.1			
	1321	14075	77.8	53.8	16	27.6	18.3		1.4	15.0	0.7	1.7	2.3
	1300	14080	77.7	53.8	16	27.7	14.9		2.1	14.2			
	1217	14081	78.2	53.8	15	26.9	12.4		2.1	13.6			
	1176	14082	78.4	53.5	14	25.9	19.4		0.9	14.1			
	1155	14083	78.1	53.7	15	26.9	19.4		0.9	14.4			
	1144	14084	78.2	53.8	15	26.9	19.9		0.9	13.6			
	1123	14085	78.6	54.1	15	26.7	19.9		0.9	12.1			
	1103	14090	78.7	54.3	15	26.9	16.2		1.2	13.5			
	1123	14091	78.8	54.4	15	26.9	25.1		0.9	12.6			
	1113	14092	79.0	54.4	15	26.5	30.9		0.9	13.2			
	1113	14093	79.3	54.7	17	30.8	21.0		1.0	12.6			
	1082	14094	79.6	54.6	17	30.2	23.0		0.9	13.0			
	1082	14095	79.2	54.6	17	30.8	18.7		1.1	13.6			
	1061	14100	79.2	54.4	14	26.1	16.1		1.3	12.7	0.5	1.3	2.0
	1061	14101	78.7	54.3	15	26.9	18.6		1.0	13.0			
	1061	14102	78.8	54.1	14	26.3	12.1		2.7	11.5			
	1040	14103	78.8	54.1	14	26.3	15.5		1.2	13.7			
	1030	14104	78.9	54.3	15	26.5	19.1	*	0.6	13.5			
	1030	14105	79.0	54.4	15	26.5	18.8		0.6	13.1			
	1040	14110	79.2	54.6	17	30.8	17.8		1.1	13.0			
	1040	14111	79.3	54.7	17	30.8	18.0		1.0	15.0			
	1040	14112	79.5	55.0	17	31.0	17.9		0.8	13.5			
	1040	14113	79.7	55.2	16	31.0	17.6		0.7	13.9			
	1040	14114	79.5	55.5	18	31.8	17.4		0.8	14.8			
	1019	14115	79.5	55.4	18	31.6	17.3		0.9	15.9			
	1009	14120	79.6	55.5	18	31.6	15.7		1.1	15.9			
	998	14121	80.0	56.1	17	31.9	20.8		1.0	16.2			
	988	14122	80.2	56.2	17	31.8	18.3		1.0	16.3			
	874	14123	80.6	55.8	16	30.5	22.1		0.9	16.3			
	790	14124	81.8	56.2	14	29.2	17.0		0.8	15.8			
	749	14125	81.8	56.2	14	29.2	17.2		0.7	14.8			
	665	14130	82.6	56.4	17	32.5	16.7	*	0.7	14.6			
	676	14131	82.8	56.2	13	27.5	16.5		0.8	15.9			
	738	14132	82.4	56.2	14	28.2	16.7		0.8	15.0			
	780	14133	81.9	56.0	14	28.7	17.3		0.9	14.1	0.4	1.4	2.4
	863	14134	81.3	55.6	15	29.0	17.6		1.1	14.5			
	1009	14135	80.2	55.0	16	29.9	18.4		0.9	13.8			
	1092	14140	79.3	54.6	17	30.7	17.9		1.1	13.4			
	1186	14141	78.7	54.1	15	26.5	18.9		1.2	13.0			
	1280	14142	78.1	53.8	15	27.0	18.1		1.5	13.2			
	1332	14143	77.7	53.5	16	27.2	13.9		2.4	14.0			
	1405	14144	77.2	53.4	16	27.9	17.3		1.5	14.1			
	1540	14145	76.8	53.1	16	28.1	19.9		1.4	15.2			
SPECIAL	1571	14150	77.2	53.1	16	27.4	19.9		1.5	16.1			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	1623	14151	77.3	52.7	15	26.5	16.5	1.9	15.3			
	1707	14152	77.8	52.4	12	19.8	19.8	1.6	16.7			
	1769	14153	77.5	52.3	12	20.2	19.8	1.7	17.8			
	1821	14154	77.2	51.7	12	19.5	19.8	1.9	14.1			
	1904	14155	77.0	51.4	11	19.3	19.8	1.9	13.6			
	1936	14160	76.9	51.1	11	18.8	18.9	1.9	11.5			
	1936	14161	77.1	51.2	11	18.6	18.7	1.9	11.6			
	1946	14162	77.1	51.2	11	18.6	19.3	1.8	11.6			
	1967	14163	76.9	50.9	11	18.3	18.8	1.9	10.6			
	1946	14164	77.0	51.3	11	19.1	18.9	2.1	10.5			
	1967	14165	77.0	51.1	11	18.6	18.8	2.1	10.7			
	1967	14170	77.0	51.5	12	19.5	18.7	2.2	12.1			
	1988	14171	76.9	51.6	12	20.0	18.6	2.1	13.1			
	1977	14172	77.0	51.7	12	20.0	18.5	2.1	12.1			
	2019	14173	76.5	53.2	17	28.8	17.5	2.2	17.8			
	2040	14174	76.3	53.5	18	29.6	17.0	2.1	21.1			
	2061	14175	76.2	53.4	18	29.6	16.6	2.1	22.2			
	2071	14180	76.3	53.7	18	29.9	16.0	2.0	22.4			
	2081	14181	76.7	53.2	17	28.4	15.2	1.7	23.0			
	2134	14182	76.1	53.4	18	29.8	13.8	1.7	22.9			
	2154	14183	76.3	52.9	17	28.6	13.3	1.5	22.2			
	2165	14184	76.0	52.4	15	23.7	15.8	1.5	20.5			
	2165	14185	76.2	52.2	13	22.9	15.6	1.7	20.2			
	2175	14190	76.4	52.3	13	22.7	14.7	2.0	20.3			
	2134	14191	76.6	52.0	13	21.6	15.9	1.6	18.5			
	2123	14192	76.8	52.1	12	21.4	15.2	1.6	19.8			
	2144	14193	77.2	52.0	12	20.2	15.5	1.6	18.5			
	2165	14194	77.5	51.7	11	18.8	16.5	1.6	12.6			
	2154	14195	76.2	51.7	13	21.8	17.7	1.7	10.3			
	2134	14200	76.8	51.7	12	20.5	0.0	0.0	20.3			
	2154	14201	76.7	52.1	13	21.6	17.7	1.7	18.3			
	2144	14202	76.6	51.9	12	21.4	16.6	1.7	17.5			
	2113	14203	76.9	51.8	12	20.5	16.8	1.6	16.7			
	2113	14204	77.0	51.5	12	19.5	18.6	1.6	15.6			
	2123	14205	76.7	51.5	12	20.2	17.1	1.5	14.5			
	2081	14210	77.1	51.8	12	20.0	16.2	1.6	14.7			
	2050	14211	77.5	51.9	11	19.3	16.6	1.4	14.6			
	2071	14212	77.4	52.1	12	20.0	17.8	1.3	14.8			
	2081	14213	77.2	51.8	12	19.8	17.3	1.4	13.2			
	2071	14214	77.3	51.9	12	19.8	17.2	1.3	13.8			
	2050	14215	77.6	52.1	12	19.5	15.4	1.2	13.7			
	2050	14220	77.4	51.9	12	19.5	16.2	1.2	13.6			
	2040	14221	77.4	51.6	11	18.8	17.1	1.1	11.9			
	2019	14222	77.5	51.8	11	19.1	16.4	1.1	12.2			
	2009	14223	77.7	52.3	12	19.8	15.6	0.9	12.8			
	2040	14224	77.7	52.4	12	20.0	16.3	1.0	12.8			
	2092	14225	77.2	52.1	12	20.5	16.6	1.0	12.6			
	2092	14230	77.3	51.7	11	19.3	14.9	1.3	11.7			
	2113	14231	77.2	51.8	12	19.8	15.8	1.2	11.8			
	2134	14232	77.2	51.8	12	19.8	16.9	1.1	12.0			
	2144	14233	76.9	51.5	12	19.8	17.0	1.1	11.9			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	2144	14234	77.0	51.6	12	19.8	16.5	1.0	11.8			
	2165	14235	77.2	51.5	11	19.1	1.7	0.0	4.8			
	2165	14240	76.9	51.3	11	19.3	17.6	0.9	11.2			
	2175	14241	76.7	51.1	11	19.3	17.4	0.9	10.5			
	2175	14242	76.8	51.2	11	19.3	17.9	1.0	10.4			
	2165	14243	77.0	51.2	11	18.8	16.9	0.8	10.6			
	2175	14244	77.7	51.8	11	18.6	17.2	0.7	11.0			
	2196	14245	77.7	51.6	11	18.1	17.5	0.9	11.0			
	2331	14250	76.5	51.7	12	21.2	17.9	1.0	11.4			
	2425	14251	75.7	51.0	13	21.4	18.5	1.0	10.9			
	2498	14252	75.1	50.7	11	16.5	17.8	1.1	10.5			
	2581	14253	75.1	50.4	10	15.7	18.2	1.2	10.6			
	2644	14254	74.4	49.8	10	16.0	18.2	1.3	9.2			
	2717	14255	74.3	49.5	10	15.5	18.2	1.4	8.7			
	2769	14260	74.2	49.4	11	15.5	18.0	1.2	7.7			
	2873	14261	73.7	49.4	12	16.8	18.9	1.2	7.6			
	2925	14262	73.3	49.4	12	17.9	23.6	1.3	8.8			
	2967	14263	73.3	49.3	12	17.6	23.0	1.3	8.9			
	3019	14264	74.9	49.2	9	12.8	8.7	0.0	5.0			
	3008	14265	73.0	49.0	9	11.4	18.0	1.2	8.3			
	2977	14270	73.4	49.0	9	10.0	17.9	1.2	8.2			
	2915	14271	74.3	49.2	10	14.6	18.8	1.2	7.6			
	2852	14272	74.2	49.3	11	15.2	17.9	1.1	7.7			
	2821	14273	74.4	49.4	10	14.9	17.5	1.1	8.2			
	2842	14274	74.7	49.8	10	15.2	17.6	1.1	8.5			
	2831	14275	74.7	49.8	10	15.2	17.5	1.2	7.5			
	2790	14280	74.7	49.6	10	14.6	18.0	1.2	7.3			
	2779	14281	74.6	49.9	10	15.7	17.3	1.2	8.0			
	2758	14282	74.6	49.9	10	15.7	18.0	1.2	8.5			
	2748	14283	74.8	50.0	10	15.5	17.8	1.4	8.7			
	2748	14284	74.6	50.0	10	16.0	17.2	1.4	9.0			
	2748	14285	74.5	50.0	11	16.3	17.4	1.3	8.6			
	2737	14290	74.8	50.1	10	15.7	17.7	1.3	8.9			
	2706	14291	75.2	50.1	10	14.6	17.2	1.3	8.8			
	2675	14292	75.3	50.3	10	14.9	17.0	1.5	8.9			
	2644	14293	75.4	50.6	10	15.5	17.5	1.4	9.6			
	2623	14294	75.6	50.4	10	14.3	17.4	1.4	8.7			
	2571	14295	75.9	50.5	9	13.7	18.6	1.5	8.8			
	2488	14300	76.5	50.7	8	12.5	17.9	1.4	8.5			
	2415	14301	76.9	50.9	11	18.3	17.9	1.4	8.7			
	2383	14302	76.9	50.9	11	18.3	17.8	1.3	8.8			
	2269	14303	77.6	51.2	10	17.3	17.7	1.3	8.6			
	2186	14304	78.0	51.5	10	17.0	17.6	1.1	7.5			
	2113	14305	78.3	51.8	10	17.0	17.5	1.1	7.8			
	2050	14310	78.7	52.1	10	16.8	17.2	1.1	8.1			
	1967	14311	79.3	52.2	9	15.4	17.2	1.0	8.3			
	1967	14312	79.2	52.7	12	22.7	15.7	1.4	8.8			
	1988	14313	78.9	53.7	14	25.3	15.8	1.5	12.7			
	1977	14314	78.8	53.9	14	25.9	15.3	1.5	13.8			
	1977	14315	78.5	53.9	15	26.5	16.6	1.5	13.8			
	1946	14320	78.6	53.8	14	26.1	15.6	1.5	14.1			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	1925	14321	78.8	53.9	14	25.9	15.5	1.6	13.8			
	1936	14322	78.3	53.8	15	26.7	15.5	1.6	14.0			
	1936	14323	78.4	53.1	14	25.2	16.3	1.6	12.4			
	1936	14324	78.6	52.8	13	24.2	16.3	1.6	11.3			
	1925	14325	78.5	52.6	10	18.6	16.6	1.6	10.4			
	1915	14330	78.3	53.0	14	25.2	16.5	1.7	11.3			
	1904	14331	78.7	52.7	13	23.8	16.6	1.5	11.4			
	1936	14332	78.1	52.6	11	19.5	16.7	1.6	10.9			
	1946	14333	77.9	52.6	11	20.0	16.4	1.7	10.8			
	1936	14334	78.1	52.6	11	19.5	15.4	1.7	10.2			
	1936	14335	77.8	52.5	12	20.0	16.3	1.7	10.3			
	1925	14340	77.9	52.6	11	20.0	16.7	1.6	11.0			
	1915	14341	77.4	52.8	15	26.5	16.6	1.6	11.5			
	1915	14342	77.5	53.3	16	27.2	15.6	1.6	12.4			
	1904	14343	77.0	54.3	18	29.8	16.4	1.6	14.1			
	1904	14344	76.7	54.2	18	30.1	14.8	1.5	14.6			
	1915	14345	76.7	54.7	21	34.6	15.5	1.5	14.9			
	1915	14350	77.0	52.9	16	27.4	15.2	1.5	11.9			
	1884	14351	76.7	54.0	18	29.8	14.9	1.5	13.9			
	1873	14352	76.7	54.4	18	30.4	14.2	1.5	14.5			
	1842	14353	77.0	54.4	18	29.9	15.3	1.4	14.9			
	1821	14354	77.2	54.3	17	29.4	16.3	1.5	15.1			
	1894	14355	76.6	54.1	18	30.1	15.1	1.5	14.3			
	1873	14360	76.5	54.4	18	30.7	15.2	1.6	13.9			
	1884	14361	76.5	53.7	18	29.6	15.2	1.7	14.8			
	1873	14362	77.0	52.9	16	27.4	16.0	1.7	14.3			
	1884	14363	77.0	53.1	16	27.7	15.3	1.8	14.7			
	1904	14364	77.0	52.6	13	22.0	15.1	1.9	13.7			
	1904	14365	77.1	52.5	13	21.6	17.1	1.7	13.7			
	1873	14370	77.2	52.8	16	26.9	17.7	1.8	13.8			
	1873	14371	77.0	53.3	16	28.1	17.7	1.9	15.3			
	1915	14372	76.7	53.2	17	28.4	17.9	2.0	15.0			
	1894	14373	76.9	52.9	16	27.6	17.4	2.0	14.7			
	1904	14374	76.9	52.9	16	27.6	18.2	2.0	14.8			
	1904	14375	77.0	52.6	13	22.0	17.8	2.1	14.2			
	1915	14380	77.0	52.6	13	22.0	18.5	2.1	15.2			
	1915	14381	77.2	52.3	12	20.9	18.5	2.1	13.9			
	1904	14382	77.3	52.6	12	21.4	16.6	2.4	14.4			
	1925	14383	76.8	53.2	17	28.3	17.5	2.6	17.9			
	1925	14384	77.0	52.4	13	21.6	18.5	2.5	15.1			
	1915	14385	77.0	53.5	17	28.4	18.6	2.5	16.7			
	1894	14390	77.2	53.8	17	28.6	18.7	2.5	19.3			
	1884	14391	76.9	55.1	22	34.9	18.5	2.5	21.4			
	1884	14392	77.2	54.5	21	33.7	18.2	2.6	20.3			
	1873	14393	77.2	53.7	17	28.4	19.0	2.6	17.6			
	1873	14394	77.3	52.9	16	26.9	18.7	2.6	16.2			
	1884	14395	77.2	53.2	16	27.6	18.8	2.5	15.3			
	1884	14400	77.4	52.2	12	20.2	19.8	2.4	12.7			
	1894	14401	77.5	51.8	11	19.1	19.0	2.3	10.6			
	1873	14402	77.4	52.4	12	20.7	18.5	2.4	10.9			
	1873	14403	77.2	53.4	16	27.9	18.5	2.4	13.8			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	1894	14404	77.6	51.9	11	19.1	18.4	2.3	9.8			
	1904	14405	77.6	51.7	11	18.6	18.6	2.2	8.8			
	1884	14410	77.7	51.7	11	18.3	18.5	2.2	8.4			
	1884	14411	77.6	51.8	11	18.8	18.3	2.1	8.5			
	1894	14412	77.7	51.5	11	17.8	18.4	2.1	7.4			
	1894	14413	77.7	51.5	11	17.8	18.4	2.1	7.6			
	1915	14414	77.7	51.3	10	17.3	18.7	2.1	6.8			
	1915	14415	77.7	51.3	10	17.3	18.6	2.1	6.5			
	1915	14420	77.7	51.2	10	17.0	18.8	2.0	6.4			
	1915	14421	77.7	51.2	10	17.0	18.4	2.0	6.3			
	1915	14422	77.7	51.2	10	17.0	19.1	2.0	6.0			
	1925	14423	77.4	51.0	10	17.3	18.4	2.0	6.3			
	1936	14424	77.4	50.9	10	17.0	18.2	2.0	6.4			
	1925	14425	77.6	51.0	10	16.8	18.7	2.1	6.5			
	1936	14430	77.5	51.0	10	17.0	19.2	2.0	6.3			
	1946	14431	77.4	50.9	10	17.0	18.6	2.1	6.4			
	1946	14432	77.3	50.9	10	17.3	18.6	2.2	6.2			
	1936	14433	77.6	51.0	10	16.8	18.9	2.1	6.3			
	1925	14434	78.1	51.2	9	15.9	18.6	2.0	6.0			
	1936	14435	77.7	51.1	10	16.8	18.5	2.0	6.0			
	1936	14440	77.6	51.0	10	16.8	18.7	1.9	6.2			
	1925	14441	77.8	51.1	10	16.5	18.8	1.9	6.1			
	1894	14442	76.7	51.0	11	19.1	18.1	2.1	6.1			
	1884	14443	75.6	51.8	14	23.3	18.8	2.4	7.7			
	1821	14444	76.2	51.6	13	21.6	18.4	2.5	8.8			
	1852	14445	76.6	51.7	12	20.9	18.1	2.6	9.5			
	1884	14450	76.7	51.5	12	20.2	18.3	2.2	8.1			
	1894	14451	76.8	51.5	12	20.0	17.9	2.0	8.7			
	1894	14452	76.9	51.2	11	19.1	18.4	1.9	8.0			
	1904	14453	77.2	51.2	11	18.3	18.5	1.8	7.8			
	1904	14454	77.9	50.9	9	15.7	18.4	1.7	7.0			
	1884	14455	78.3	51.1	9	15.1	18.1	1.7	6.9			
	1894	14460	78.2	51.0	9	15.1	17.9	1.5	7.4			
	1904	14461	78.1	51.1	9	15.7	13.9	2.0	8.4			
	1936	14462	77.8	51.0	10	16.2	14.2	2.0	6.3			
	1925	14463	77.8	51.0	10	16.2	14.9	1.8	6.4			
	1925	14464	77.8	51.0	10	16.2	16.5	1.4	6.6			
	1925	14465	77.7	51.1	10	16.8	16.2	1.3	6.9			
	1915	14470	77.9	51.2	10	16.5	16.5	1.3	6.9			
	1925	14471	77.7	51.2	10	17.0	16.6	1.3	6.9			
	1936	14472	77.5	51.1	10	17.3	13.7	1.5	6.6			
	1946	14473	77.3	50.9	10	17.3	14.1	1.5	6.7			
	1925	14474	77.7	51.0	10	16.5	15.5	1.1	7.0			
	1946	14475	77.6	51.1	10	17.0	15.5	1.2	6.8			
	1936	14480	77.6	51.0	10	16.8	15.3	1.1	6.8			
	1946	14481	77.5	51.0	10	17.0	15.5	1.2	6.8			
	1977	14482	77.2	50.9	11	17.6	15.7	1.1	6.8			
	1998	14483	77.2	50.8	8	10.5	15.3	1.1	6.5			
	2009	14484	76.7	50.6	8	11.5	15.3	1.1	7.1			
	2019	14485	76.5	50.6	8	12.2	15.3	1.1	6.7			
	2029	14490	76.5	50.6	8	12.2	15.3	1.2	6.9			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	1998	14491	76.8	50.6	8	11.2	15.3	1.3	6.6			
	1998	14492	76.9	50.6	8	10.9	15.3	1.4	6.8			
	2019	14493	76.7	50.6	8	11.5	15.3	1.2	6.8			
	2040	14494	76.4	50.6	8	12.5	15.2	1.1	6.6			
	2029	14495	76.7	50.6	8	11.5	15.0	1.0	6.3			
	2009	14500	76.7	50.6	8	11.5	15.1	0.8	6.6			
	2019	14501	76.7	50.6	8	11.5	15.1	0.8	6.5			
	2019	14502	76.9	50.6	8	10.9	15.1	0.8	6.5			
	2040	14503	76.7	50.6	8	11.5	15.2	0.9	6.4			
	2071	14504	76.4	50.6	8	12.5	15.3	1.0	6.5			
	2092	14505	75.3	50.7	10	16.0	15.9	1.2	6.8			
	2113	14510	75.5	51.4	14	22.7	15.3	1.2	10.7			
	2081	14511	76.0	51.5	13	21.8	14.8	1.3	10.7			
	2061	14512	75.6	52.6	15	24.9	14.8	1.3	12.7			
	2050	14513	75.7	52.6	15	24.7	14.9	1.3	14.3			
	2050	14514	76.1	51.6	13	21.8	14.9	1.2	11.1			
	2040	14515	76.0	53.0	18	29.3	14.3	1.3	12.1			
	2029	14520	76.3	53.0	17	28.8	14.4	1.3	12.2			
	2009	14521	76.3	52.5	13	23.3	13.9	1.2	11.4			
	2040	14522	76.3	53.5	18	29.6	12.7	1.2	12.8			
	2081	14523	76.1	53.2	17	29.4	12.8	1.1	12.2			
	2081	14524	76.5	52.6	13	23.1	13.9	1.1	11.3			
	2092	14525	76.5	53.0	17	28.4	14.0	1.1	11.8			
	2102	14530	76.3	52.9	17	28.6	13.4	1.1	12.1			
	2102	14531	76.4	52.9	17	28.4	13.5	1.1	12.5			
	2092	14532	76.4	52.7	16	28.1	13.3	1.0	12.7			
	2081	14533	76.8	52.9	16	27.7	13.4	1.0	13.6			
	2071	14534	76.9	52.4	13	21.8	13.0	0.9	13.1			
	2061	14535	77.0	52.5	13	21.8	12.8	0.9	13.3			
	2061	14540	77.0	52.6	13	22.0	13.3	0.9	13.4			
	2050	14541	77.0	52.6	13	22.0	12.8	0.9	13.6			
	2040	14542	77.2	52.6	13	21.6	12.6	0.8	14.7			
	2029	14543	77.1	52.6	13	21.8	12.3	0.9	15.1			
	1988	14544	77.4	52.8	15	26.5	12.4	0.9	14.9			
	1998	14545	77.6	52.9	15	26.3	12.2	0.9	16.7			
	2040	14550	77.4	52.9	16	26.7	11.8	0.9	16.2			
	2050	14551	77.2	52.8	16	26.9	11.4	0.9	17.1			
	2081	14552	77.3	52.6	12	21.4	11.3	0.8	17.1			
	2092	14553	77.4	52.5	12	20.9	11.4	0.7	17.0			
	2102	14554	77.2	52.4	12	21.2	11.3	0.8	17.5			
	2081	14555	77.6	52.1	12	19.5	12.3	0.8	16.8			
	2092	14560	77.4	52.1	12	20.0	12.2	0.9	16.0			
	2061	14561	77.7	52.0	11	19.1	11.7	0.9	14.9			
	2029	14562	77.7	51.8	11	18.6	12.0	0.8	14.1			
	2029	14563	77.7	51.9	11	18.8	11.9	0.9	13.5			
	2029	14564	68.8	52.0	29	34.9	0.0	0.0	0.0			
	2092	14565	77.4	51.8	11	19.3	13.4	0.9	12.6			
	2092	14570	67.4	52.1	32	36.9	0.0	0.0	0.0			
	2102	14571	77.4	52.1	12	20.0	11.9	0.9	15.6			
	2113	14572	77.2	52.0	12	20.2	11.7	0.9	14.9			
	2134	14573	77.0	51.8	12	20.2	12.1	0.9	14.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-145
AIRCRAFT DATA FLIGHT NUMBER 21 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	2113	14574	77.0	51.7	12	20.0	13.0	0.9	13.8			
	2092	14575	77.3	51.8	12	19.5	13.8	0.8	14.2			
	2092	14580	77.4	51.6	11	18.8	13.6	0.8	14.0			
	2102	14581	77.2	51.5	11	19.1	12.8	0.9	13.2			
	2092	14582	77.4	51.4	11	18.3	13.0	0.9	12.2			
	2102	14583	77.3	51.5	11	18.8	13.6	1.0	11.5			
	2123	14584	77.2	51.9	12	20.0	12.3	0.9	13.4			
	2154	14585	76.9	51.6	12	20.0	14.2	0.8	12.9			
	2144	14590	77.7	51.5	11	17.8	0.0	0.0	19.7			
	2113	14591	77.2	51.9	12	20.0	13.7	0.8	14.6			
	2081	14592	77.6	52.2	12	19.8	12.6	0.9	16.1			
	2050	14593	77.7	52.1	11	19.3	12.6	0.9	16.6			
	2050	14594	77.7	52.0	11	19.1	12.3	0.8	15.9			
	2019	14595	77.8	52.2	11	19.3	11.6	0.7	16.0			
	2019	15000	77.9	52.4	11	19.5	11.1	0.7	17.1			
	1988	15001	78.0	52.5	11	19.5	11.3	0.7	17.8			
	1998	15002	77.8	52.2	11	19.3	11.4	0.7	17.1			
	1977	15003	77.7	52.5	12	20.2	10.9	0.7	17.8			
	1988	15004	77.8	52.7	15	25.5	11.1	0.8	19.3			
	2009	15005	77.7	52.6	12	20.5	11.3	0.8	18.4			
	2019	15010	77.8	52.8	15	25.7	11.2	0.8	19.4			
	2081	15011	77.1	52.9	16	27.2	10.7	0.8	19.0			
	2113	15012	76.9	53.2	16	28.1	10.4	0.9	21.2			
	2102	15013	77.0	52.8	16	27.2	11.2	0.9	19.8			
	2092	15014	77.4	52.9	16	26.7	12.3	1.0	21.4			
	2081	15015	77.4	52.8	15	26.5	12.6	1.1	20.5			
	2040	15020	77.6	52.6	12	20.7	13.4	1.1	18.0			
	2029	15021	77.4	52.9	16	26.7	13.7	1.0	16.8			
	1998	15022	77.6	53.2	16	26.9	13.4	1.1	18.9			
	1977	15023	77.5	53.0	16	26.7	12.7	1.1	17.5			
	1967	15024	77.6	53.2	16	26.9	12.6	1.1	17.8			
	1988	15025	77.6	53.2	16	26.9	13.8	1.1	19.0			
	1956	15030	77.6	51.8	11	18.8	14.0	1.1	12.0			
	1946	15031	77.7	51.6	11	18.1	13.7	1.1	12.2			
	1946	15032	77.7	51.2	10	17.0	13.7	1.0	11.0			
	1936	15033	77.7	51.1	10	16.8	13.7	1.1	9.7			
	1915	15034	78.2	51.0	9	15.1	14.0	1.0	8.7			
	1915	15035	77.7	51.2	10	17.0	13.8	1.1	9.3			
	1925	15040	77.7	51.0	10	16.5	13.9	1.0	8.4			
	1915	15041	77.6	51.2	10	17.3	13.8	1.1	9.2			
	1915	15042	77.7	51.8	11	18.6	13.8	1.1	11.8			
	1915	15043	77.8	51.1	10	16.5	13.8	1.1	9.7			
	1904	15051	76.9	51.8	12	20.5	13.2	1.0	10.4			
	1904	15052	77.0	51.5	12	19.5	13.4	1.0	10.3			
	1884	15053	77.9	50.9	9	15.7	13.5	0.9	8.4			
	1894	15054	77.4	50.9	10	17.0	13.8	0.9	7.8			
	1884	15055	77.4	51.1	11	17.6	13.6	0.9	8.9			
	1873	15060	76.7	51.6	12	20.5	13.3	0.9	10.9			
	1884	15061	76.9	52.1	12	21.2	13.4	1.0	11.4			
	1873	15062	77.4	51.2	11	17.8	13.7	1.0	9.3			
	1884	15063	77.4	51.0	10	17.3	13.8	1.0	8.2			

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AIRCRAFT DATA FLIGHT NUMBER 21 DATA DATE 11/01/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	1884	15064	77.7	50.9	10	16.2	13.5	0.9	6.4			
	1894	15065	77.3	50.9	10	17.3	13.3	0.9	6.6			
	1894	15070	77.5	50.9	10	16.8	13.4	0.9	5.9			
	1884	15071	77.3	51.0	11	17.6	13.0	1.0	6.4			
	1884	15072	76.2	51.6	13	21.6	13.9	0.9	7.7			
	1904	15073	76.5	51.9	13	21.6	13.8	0.9	10.2			
	1884	15074	76.2	52.1	13	22.7	14.1	0.9	10.1			
	1779	15075	76.5	52.6	13	23.1	13.3	1.0	11.9			
	1665	15080	76.8	53.4	17	28.6	13.0	0.9	12.2			
	1530	15081	77.4	53.9	17	28.4	13.0	0.8	13.5			
	1425	15082	77.7	54.1	17	28.3	12.5	0.7	14.8			
	1342	15083	78.1	54.3	15	27.9	12.5	0.6	15.1			
	1259	15084	78.3	54.6	18	32.2	12.0	0.6	15.8			
	1207	15085	78.2	54.5	18	32.2	11.4	0.7	16.0			
	1165	15090	78.3	54.4	15	27.7	8.6	1.5	15.6			
	1134	15091	77.7	54.4	17	28.8	8.6	1.2	15.7			
	1082	15092	78.1	54.4	16	28.1	8.4	1.0	15.5			
	1061	15093	78.1	54.8	19	32.8	10.6	0.3	16.2			
	1061	15094	77.9	55.0	19	33.4	10.9	0.3	17.0			
	1071	15095	78.1	54.9	19	32.9	10.5	0.4	17.0			
	1071	15100	78.2	55.0	19	32.9	10.0	0.5	16.5			
	1103	15101	78.1	55.0	19	33.1	10.4	0.5	18.2			
	1123	15102	78.1	55.2	19	33.4	10.8	0.3	16.7			
	1134	15103	78.1	55.3	19	33.5	10.3	0.5	16.9			
	1144	15104	78.1	55.5	20	33.8	10.0	0.2	15.7			
	1155	15105	77.9	55.3	20	33.8	10.0	0.4	15.2			
	1123	15110	77.9	55.3	20	33.8	10.0	0.4	13.9			
	1123	15111	77.9	55.0	19	33.4	10.2	0.4	12.2			
	1103	15112	78.1	55.1	19	33.2	9.8	0.5	10.2			
	1071	15113	78.4	55.0	19	32.7	11.8	0.6	8.1			
	1040	15114	79.0	55.4	18	32.4	10.3	0.5	7.6			
	936	15115	79.6	55.3	18	31.3	10.3	0.4	5.9			
	874	15120	79.7	55.5	17	31.5	12.4	0.5	5.1			
	801	15121	80.2	55.8	17	31.1	10.3	0.3	4.1			
	707	15122	80.9	56.1	16	30.5	10.2	0.3	3.2			
	644	15123	81.3	56.3	19	34.2	10.1	0.5	0.8			
	411	15124	81.6	56.4	17	34.0	9.9	0.1	0.7			
	324	15125	82.0	56.7	17	33.8	9.7	0.2	0.6			
	284	15130	83.4	57.6	16	33.1	9.2	0.1	0.1			
EL MONTE	284	15131	82.4	62.1	31	49.0	9.4	0.1	0.4			
	284	15132	82.9	64.8	37	53.4	9.3	0.2	0.1			
	284	15133	82.8	64.2	36	53.0	9.2	0.2	0.2			
	284	15134	82.3	64.7	37	53.7	9.3	0.1	0.1			
	284	15135	82.5	64.9	37	53.7	9.3	0.0	0.1			
	284	15140	82.2	64.8	37	53.9	9.3	0.0	0.1			
	284	15141	82.2	64.4	37	53.6	9.2	0.1	0.1			
	284	15142	82.1	62.0	31	49.1	9.2	0.1	0.2			

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AIRCRAFT DATA FLIGHT NUMBER 22 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	307	10112	68.4	58.3	57	52.1	24.0		0.0	3.1			
	307	10113	69.1	58.3	52	51.6	24.2	*	0.1	3.0			
	307	10120	68.9	58.8	53	52.1	24.6	*	0.5	2.9			
	307	10121	69.3	58.8	53	51.8	24.7		0.4	2.3			
	284	10122	68.4	57.4	51	49.1	24.1		0.8	3.4			
	339	10123	68.0	55.8	45	45.7	22.7		2.2	4.7			
	403	10124	67.8	55.4	44	45.5	25.9		1.3	5.7			
	443	10125	68.0	55.1	44	45.0	25.5		1.5	5.8			
	490	10130	67.9	55.3	44	45.3	25.9		1.8	5.1			
	522	10131	67.7	55.3	44	45.5	25.8		1.8	5.2			
	578	10132	67.9	54.4	39	41.8	27.7		1.8	4.6			
	617	10133	69.1	53.4	33	39.4	28.6		2.0	3.1			
	716	10134	69.3	52.9	32	38.5	34.3		1.9	3.3			
	716	10135	69.6	53.2	32	38.5	28.9	*	2.1	4.2			
	757	10140	68.7	52.4	30	35.6	35.4		2.3	5.2			
	789	10141	69.4	52.2	27	34.4	25.8		2.7	4.4			
	820	10142	69.1	48.7	16	21.1	20.6		3.2	3.7			
	862	10143	69.6	48.7	15	19.9	27.8		2.0	4.0			
	924	10144	70.1	48.6	14	18.5	28.5		2.3	4.5			
	966	10145	70.1	52.2	26	33.4	29.5	*	2.3	4.9			
	1028	10150	70.0	52.1	26	33.4	30.1		2.2	5.2			
	1101	10151	69.8	51.8	26	33.3	28.8		2.5	4.9			
	1153	10152	70.0	51.7	25	32.8	29.7		2.6	5.2			
	1195	10153	70.9	51.8	23	31.7	29.5		2.6	4.6			
	1257	10154	71.9	52.1	22	30.6	29.3		2.7	4.6			
	1309	10155	72.8	51.2	18	27.5	29.9		2.7	4.6			
	1341	10160	72.6	48.6	9	11.4	30.0		3.0	4.8			
	1382	10161	72.8	13.6	0	-29.7	29.7		3.2	4.7			
	1424	10162	73.0	47.9	8	7.5	30.1		3.1	5.5			
	1403	10163	73.0	51.4	18	27.5	30.6		2.9	6.0			
	1382	10164	73.5	52.6	19	28.8	30.9	*	2.8	6.6			
	1528	10174	74.0	52.5	18	27.7	30.6		3.3	5.7			
	1590	10175	73.7	52.5	19	28.2	29.5		3.4	5.3			
	1663	10180	73.4	52.4	19	28.6	29.6		3.2	5.3			
	1695	10181	73.4	52.2	19	28.2	28.6		2.9	5.0			
	1757	10182	73.2	52.1	19	28.4	29.4		2.8	5.2			
	1840	10183	72.7	51.9	19	28.9	28.9		2.8	4.9			
	1872	10184	72.6	51.8	19	28.9	28.9		2.9	4.6			
	1913	10185	72.5	51.6	19	28.8	29.4		2.9	4.5			
	1924	10190	72.8	51.8	19	28.6	28.5	*	2.9	4.5			
	1976	10191	72.5	51.8	19	29.1	34.8		2.8	4.4			
	2028	10192	72.3	51.5	20	28.9	42.4		3.0	4.3			
	2028	10193	72.4	51.5	20	28.8	41.4		3.2	4.3			
	2090	10194	71.8	51.2	21	29.3	26.2		4.0	4.6			
	2090	10195	72.0	51.1	20	28.8	23.4		3.6	4.8			
	2122	10200	72.1	51.0	20	28.4	30.6		3.0	5.0			
	2184	10201	72.0	50.7	16	23.8	30.0		3.0	5.5			
	2236	10202	72.1	50.7	16	23.6	30.5		3.1	5.4			
	2267	10203	72.1	50.8	16	23.8	31.0		3.1	5.0			
	2288	10204	72.0	50.8	17	24.0	31.1		3.1	5.5			
	2309	10205	72.0	50.8	17	24.0	31.0		3.2	5.5			

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AIRCRAFT DATA FLIGHT NUMBER 22 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2351	10210	71.9	50.7	17	24.0	30.7		3.2	5.6			
	2361	10211	71.9	50.6	16	23.8	31.2	*	3.2	5.8			
	2382	10212	71.9	50.6	16	23.8	25.1		3.7	6.5			
	2455	10213	71.3	50.4	17	24.6	20.1		4.3	5.7			
	2465	10214	71.4	50.4	17	24.4	22.8		4.4	5.5			
	2486	10215	71.3	50.4	17	24.6	29.3		4.3	5.1			
	2507	10220	71.0	50.3	17	25.0	36.3		3.5	5.7			
	2517	10221	71.1	50.3	17	24.8	29.9		3.2	4.9			
	2548	10222	70.9	50.3	17	25.2	29.7		3.2	4.6			
	2590	10223	70.6	50.3	19	25.7	30.6		3.1	5.0			
	2642	10224	70.3	50.0	19	25.7	30.6		3.2	4.7			
	2673	10225	70.1	50.0	19	26.1	29.8		3.2	4.6			
	2705	10230	69.9	49.9	19	26.3	30.4		3.1	4.6			
	2726	10231	69.8	49.8	19	26.3	30.6		3.1	4.8			
	2757	10232	69.5	49.7	20	26.7	30.1		3.1	4.7			
	2788	10233	69.4	49.7	20	26.9	29.9		3.1	4.9			
	2830	10234	69.1	49.6	20	27.2	30.5		3.1	5.0			
	2840	10235	69.3	49.5	20	26.7	30.1	*	3.0	5.1			
	2819	10240	69.6	49.6	19	26.3	37.5		3.2	4.5			
	2746	10250	71.1	50.0	17	24.2	33.5		3.0	5.4			
	2653	10260	71.8	50.3	16	23.4	32.6		2.9	4.3			
COMMERCE	2965	10273	69.6	49.6	19	26.3	32.5		3.6	5.2			
	3007	10274	69.3	49.4	20	26.5	31.0	*	3.6	5.4			
	2975	10275	69.6	49.5	19	26.1	29.9		3.7	4.6			
	2830	10280	70.3	49.7	19	25.2	54.1		4.4	3.9			
	2642	10281	71.5	50.0	16	23.4	38.5		4.6	3.7			
	2444	10282	72.3	50.4	16	22.5	26.7		4.7	5.2			
	2392	10283	72.3	50.4	16	22.5	31.6	*	3.5	6.2			
	2319	10284	71.7	50.4	16	23.8	32.5		3.5	6.9			
	2267	10285	71.2	50.4	17	24.8	32.5		3.1	7.2			
	2069	10290	72.1	50.8	16	23.8	32.5		3.2	6.9			
	1934	10291	72.4	51.4	20	28.6	29.0		3.3	6.5			
	1934	10292	72.1	51.5	21	29.3	17.8		5.3	7.5			
	1851	10293	72.1	51.6	21	29.4	32.5		4.1	6.2			
	1903	10294	72.6	51.7	19	28.8	32.6		3.1	4.5			
	1986	10295	72.2	51.6	21	29.3	30.7		1.5	10.9			
	1965	10300	72.6	51.5	19	28.4	29.7		3.3	5.2			
	1924	10301	73.0	51.7	19	28.1	31.0		3.3	4.9			
	1820	10302	73.0	51.8	19	28.2	28.0		3.4	5.7			
	1695	10303	71.4	51.4	22	30.2	45.9		5.2	4.8			
	1559	10304	71.6	51.5	21	30.1	21.1		5.2	6.6			
	1455	10305	72.0	51.8	21	29.9	31.2		2.8	7.0			
	1455	10310	72.2	51.9	21	29.7	31.4	*	3.1	6.9			
	1424	10311	72.3	52.0	21	29.7	32.2		2.9	9.2			
	1330	10312	72.2	52.3	22	30.4	32.7		2.7	9.9			
	1278	10313	71.5	52.3	23	31.5	28.7		3.0	9.5			
	1195	10314	71.6	52.2	22	31.2	17.6		4.2	12.1			
	1143	10315	69.5	52.4	27	34.5	28.5		3.8	7.7			
	1049	10320	69.6	52.4	27	34.4	29.8		2.4	7.4			
	976	10321	70.7	52.7	28	36.5	31.0		2.0	6.3			
	976	10322	69.8	52.6	27	34.4	30.6	*	2.1	7.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-149
AIRCRAFT DATA FLIGHT NUMBER 22 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	955	10323	70.3	52.1	26	33.0	52.7		3.4	6.3			
	862	10324	69.8	53.2	32	38.3	21.3		4.7	6.6			
	778	10325	69.5	54.6	38	43.0	29.9		1.9	4.1			
	726	10330	69.6	55.9	40	44.2	27.8		2.0	5.3			
	695	10331	69.5	56.1	40	44.5	27.0	*	2.1	4.8			
	705	10332	69.4	56.2	40	44.7	26.5		2.0	8.0			
	737	10333	68.9	55.3	40	44.3	28.9		2.1	6.2	0.9	6.8	5.9
	757	10334	68.5	54.6	42	44.0	22.2		2.6	7.3			
	830	10335	68.3	53.5	36	40.4	17.3		4.6	6.4			
	862	10340	68.2	55.3	44	45.0	30.0		3.5	5.5			
	893	10341	67.7	55.5	45	45.7	29.7		2.6	6.1			
	945	10342	68.2	53.9	37	40.9	31.1		2.4	7.0			
	1028	10343	68.3	53.0	36	39.8	32.8		2.6	5.7			
	1007	10344	68.8	52.6	30	35.7	31.9		2.6	5.7			
	1018	10345	68.0	54.7	43	44.6	29.1		2.9	5.4			
	987	10350	69.3	53.5	33	39.2	29.7	*	3.1	5.5	1.2	7.5	3.4
	966	10351	68.2	54.1	38	41.2	45.8		3.3	3.1			
	987	10352	69.2	53.4	33	39.2	31.0		4.2	1.4			
	1028	10353	68.5	53.2	36	39.8	27.5		2.7	4.6			
	1153	10354	71.0	52.4	23	32.4	30.7		2.9	5.5			
	1247	10355	71.6	52.4	23	31.5	31.0		2.7	6.7			
	1341	10360	71.6	52.2	22	31.2	31.8		3.0	7.7			
	1382	10361	71.9	52.1	22	30.6	31.7		2.7	6.7			
	1445	10362	71.6	52.1	22	31.0	31.7		3.1	6.6			
	1507	10363	71.3	51.8	22	31.0	32.8		3.0	6.1			
	1466	10364	71.7	52.0	22	30.7	32.9		3.0	6.0			
	1455	10365	71.9	52.1	22	30.6	32.8	*	2.8	6.3	0.9	1.8	0.5
	1424	10370	72.2	52.2	22	30.2	32.1		2.7	7.4			
	1424	10371	71.9	52.1	22	30.6	29.3		2.9	6.9			
	1466	10372	71.2	52.1	23	31.7	18.7		5.1	8.0			
	1518	10373	71.2	52.1	23	31.7	33.5		3.9	5.7			
	1580	10374	71.4	52.0	22	31.2	31.9		3.1	5.6			
	1663	10375	72.0	51.8	21	29.9	33.9		3.2	5.7			
	1747	10380	72.6	51.8	19	28.9	32.5		3.4	5.0			
	1820	10381	72.6	51.8	19	28.9	33.0		3.4	4.7			
	1924	10382	72.3	51.7	21	29.3	33.0		2.1	10.3			
	1986	10383	72.0	51.4	21	29.3	32.4		3.3	4.4			
	2059	10384	71.7	51.2	21	29.4	31.5		3.4	4.4			
	2017	10385	72.2	51.3	20	28.8	31.2	*	3.5	4.5			
	2007	10390	72.3	51.4	20	28.8	30.1		3.6	4.8			
	1986	10391	72.3	51.5	20	28.9	58.7		5.0	4.7			
	1903	10392	72.9	51.6	19	28.1	28.0		4.5	6.0			
	1924	10393	72.8	51.8	19	28.6	30.3		3.3	5.6			
	1997	10394	72.4	51.5	20	28.8	30.2		3.3	6.0			
	2028	10395	72.4	51.2	20	28.2	32.5		3.3	5.5			
	2028	10395	72.4	51.2	20	28.2	32.0		3.3	5.8			
HAWTHORNE	2101	10464	72.1	50.9	20	28.2	33.4		3.9	5.8			
	2059	10465	72.2	50.9	20	28.1	44.5		4.1	6.0			
	2049	10470	72.4	51.0	20	27.9	45.9		4.6	5.6			
	2028	10471	72.3	51.1	20	28.2	25.2		5.2	6.6			
	2017	10472	72.1	50.9	20	28.2	30.9		3.7	6.9			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-150
AIRCRAFT DATA FLIGHT NUMBER 22 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	1986	10473	72.1	50.7	16	23.6	36.2	3.8	6.7			
	1976	10474	72.2	50.6	16	23.2	34.6	3.7	6.7			
	1955	10475	72.3	50.7	16	23.2	35.7	3.6	7.0			
	1934	10480	72.4	50.8	16	23.2	34.7	3.6	6.9			
	1892	10481	72.6	50.8	15	22.7	33.6	3.7	7.2			
	1840	10482	72.6	50.9	18	27.4	20.2	5.8	7.3			
	1768	10483	72.8	50.9	18	27.0	23.3	5.5	6.3			
	1705	10484	72.1	51.4	21	29.1	34.7	4.6	6.2			
	1653	10485	72.3	51.6	21	29.1	31.2	3.9	8.1			
	1643	10490	72.1	51.6	21	29.4	30.8	3.6	8.2			
	1663	10491	72.9	51.4	18	27.7	28.6	3.9	7.2			
	1715	10492	72.6	51.3	19	28.1	31.8	3.9	6.5			
	1715	10493	72.7	51.3	18	27.9	31.9	3.7	6.2			
	1705	10494	72.7	51.4	19	28.1	31.9	3.8	6.3			
	1705	10495	73.0	51.5	18	27.7	24.4	0.0	46.6			
	1726	10500	72.4	51.2	20	28.2	45.4	4.1	6.9			
	1674	10501	72.3	51.3	20	28.6	40.5	3.4	7.3			
	1518	10502	72.1	51.7	21	29.6	35.5	3.2	8.1			
	1372	10503	70.7	51.7	23	31.8	37.4	4.1	6.3			
	1236	10504	70.4	51.6	25	32.1	23.9	4.8	5.5			
	1153	10505	69.1	51.2	26	33.4	23.3	3.9	6.9			
	1018	10510	66.5	53.5	42	42.3	29.6	3.2	6.3			
	934	10511	65.0	56.5	62	51.2	27.0	3.8	2.4			
	820	10512	65.5	56.1	52	48.2	30.9	2.6	2.1			
	747	10513	65.1	57.7	64	52.0	43.7	2.7	4.6			
	695	10514	65.0	58.2	70	54.5	30.5	1.7	7.4			4.0
	601	10515	64.9	58.4	71	54.8	31.2	1.5	9.5			
	538	10520	65.8	57.9	59	51.6	24.2	1.2	9.8			
	474	10521	66.1	58.4	65	53.9	20.9	2.6	7.3			
	435	10522	66.4	58.9	65	54.0	26.3	1.7	8.2			
	347	10523	67.7	59.0	59	53.2	26.8	1.8	8.2			
	204	10524	68.4	59.0	58	52.7	28.0	1.5	7.5			
	37	10525	68.0	59.3	59	53.2	24.6	1.5	6.6			
	21	10533	68.3	63.1	75	59.6	0.0	0.0	18.9			
	21	10534	68.7	62.2	73	58.8	25.7	0.4	4.4			
	21	10535	68.7	61.9	72	58.7	26.2	0.4	3.9			
	21	10540	68.0	62.7	74	59.6	26.1	0.4	3.9			
	21	10541	68.0	63.1	75	59.8	26.6	0.5	4.8			
	21	10542	68.4	63.6	81	61.8	26.6	0.5	4.7			
	21	10543	69.4	63.7	74	61.3	26.3	0.4	4.7			
	21	10544	68.6	63.0	74	59.4	25.9	0.4	4.7			
	21	10545	69.1	63.5	75	61.4	25.6	0.4	4.7			
	21	10550	68.6	63.2	74	59.5	24.0	0.3	4.6			
	21	10551	68.3	63.1	75	59.6	23.6	0.3	4.4			
	21	10552	68.6	63.1	74	59.4	22.9	0.3	4.3			
	21	10553	68.7	62.8	73	59.2	23.9	0.4	3.9			
	21	10554	68.9	62.9	69	59.1	24.2	0.4	4.0			
	21	10555	69.0	63.3	69	59.3	24.5	0.3	3.9			
	21	10560	69.2	63.5	74	61.3	24.7	0.3	4.1			
	21	10561	67.2	63.4	77	60.5	23.7	0.4	58.1			
	21	10562	69.5	63.5	74	61.1	25.3	0.3	4.0			

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AIRCRAFT DATA FLIGHT NUMBER 22 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
HAWTHORNE	21	10563	69.5	63.4	69	59.1	25.9	0.3	4.1			
	21	10564	69.6	63.4	69	59.0	26.5	0.3	4.0			
	21	10565	69.7	63.3	68	58.9	26.3	0.3	4.6			
	21	10570	52.3	63.4	100	68.1	19.4	0.0	17.2			
	21	10571	69.9	63.2	68	58.7	26.0	0.3	4.2			
	21	10572	70.2	63.1	67	58.5	25.9	0.3	4.1			
	21	10573	70.1	63.1	67	58.5	26.0	0.4	4.1			
	21	10574	70.2	63.5	73	60.7	26.7	0.4	4.0			
	21	10575	57.9	63.7	100	67.3	19.9	0.0	26.3			
	21	10580	70.3	63.7	73	60.8	26.4	0.4	4.4			
	21	10581	70.3	64.0	74	61.0	26.3	0.4	4.4			
	21	10582	70.5	64.0	73	60.9	26.1	0.4	4.5			
	21	10583	70.5	63.7	73	60.7	26.1	0.4	4.4			
	21	10584	70.7	63.4	63	58.3	20.5	0.5	4.4			
	21	10585	69.9	63.2	68	58.7	25.0	0.4	4.5			
	21	10590	70.0	64.0	74	61.1	25.6	0.5	4.4			
	21	10591	68.8	63.4	74	59.5	25.9 *	0.5	4.6			
	21	10592	69.5	61.9	67	58.2	25.5	1.6	5.5			
	125	10593	68.9	59.6	55	52.7	26.7	1.6	6.8			
	300	10594	68.0	60.9	66	56.4	26.3	1.6	6.7			
	355	10595	67.0	61.1	73	57.2	29.6	1.4	4.9			
	427	11000	66.1	60.8	74	57.6	28.6	1.6	4.7			
	490	11001	65.0	60.6	80	58.1	29.5	1.9	4.6			
	562	11002	64.9	60.2	80	58.0	29.6	1.9	4.7			
	609	11003	64.2	60.0	81	58.3	30.0	2.0	3.7			
	737	11004	63.8	59.5	75	56.3	32.2	2.5	1.5			
	809	11005	62.4	59.7	83	57.3	34.0	2.7	1.1			
	872	11010	64.7	57.6	65	52.2	33.5	2.7	1.3			
	955	11011	64.5	56.1	57	49.0	37.6	3.2	3.6			
	997	11012	69.2	53.5	33	39.4	35.2	3.1	5.3			
	1101	11013	69.8	52.0	26	33.6	33.3	3.1	5.7			
	1174	11014	69.9	51.7	26	33.0	38.2	3.2	5.4			
	1216	11015	70.3	51.8	25	32.5	34.4	3.5	4.8			
	1299	11020	71.0	52.0	23	31.8	28.1	3.9	6.1			
	1372	11021	71.1	52.1	23	31.8	24.6	4.4	6.9			
	1445	11022	71.6	52.1	22	31.0	33.6	3.6	7.0			
	1486	11023	72.2	52.0	21	29.9	34.5	3.7	6.6			
	1538	11024	72.9	51.9	19	28.6	35.7	3.7	6.4			
	1507	11025	72.9	52.3	19	29.3	35.2 *	3.5	6.9			
	1538	11030	73.4	52.4	19	28.6	33.3	3.6	7.5			
	1601	11031	73.2	52.1	19	28.4	34.7	3.6	6.6			
	1643	11032	73.2	51.8	18	27.9	34.5	3.6	6.4			
	1705	11033	72.9	51.7	19	28.2	34.6	3.7	6.5			
	1736	11034	72.8	51.6	19	28.2	34.7	3.7	6.7			
	20	11035	88.5	27.4	0	-30.1	34.5	3.7	6.4			
	1861	11040	72.4	51.5	20	28.8	34.2	3.7	5.7			
	1934	11041	73.2	51.6	18	27.5	35.2	3.7	5.7			
	1965	11042	73.1	51.5	18	27.5	34.4	3.9	5.3			
	2007	11043	73.1	51.5	18	27.5	36.1	3.8	5.3			
	1986	11044	73.4	51.2	17	26.5	35.3 *	3.9	4.9			
	1778	11060	74.5	51.4	15	24.7	34.8	3.6	5.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-152
AIRCRAFT DATA FLIGHT NUMBER 22 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	1695	11070	73.1	51.1	18	26.8	40.2		3.5	5.3			
	1559	11130	74.4	51.9	16	25.9	31.9		1.9	7.6			
COMMERCE	1507	11133	74.7	52.3	16	26.1	31.4	*	1.8	7.8			
	1476	11134	75.4	52.4	15	24.9	31.2		1.8	7.1	2.4	2.9	1.0
	1445	11135	74.0	52.9	22	32.3	30.9		1.8	7.5			
	1382	11140	75.0	52.6	16	26.1	32.9		1.8	8.2			
	1320	11141	73.7	52.8	22	32.6	43.8		1.8	7.0			
	1236	11142	72.2	53.1	26	35.1	36.0		2.0	6.3			
	1153	11143	72.5	53.5	25	35.2	32.7		2.1	7.2			
	1122	11144	72.6	53.9	25	35.6	21.9		3.4	11.3			
	1070	11145	72.3	54.0	27	36.2	31.5	*	1.6	10.7	2.2	1.0	0.0
	1049	11150	72.3	53.9	27	36.0	33.3		1.7	10.0			
	1070	11151	72.6	54.1	25	35.9	34.1		1.7	8.7			
	1091	11152	72.9	54.1	25	35.5	33.8		1.5	8.9			
	1080	11153	73.0	53.9	25	35.1	33.1		1.4	9.2			
	1101	11154	73.0	54.0	25	35.2	46.3		2.0	8.7			
	1101	11155	72.6	54.4	26	36.3	34.5		1.7	8.4			
	976	11160	73.1	54.3	25	35.5	31.7		1.7	8.0			
	924	11161	73.3	54.7	29	39.0	34.8		2.0	8.3			
	872	11162	73.3	54.8	29	39.1	31.5		1.5	8.0			
	809	11163	73.3	54.9	29	39.2	32.0		1.7	8.1			
	757	11164	73.7	54.9	28	38.7	31.7		1.8	7.6			
	737	11165	74.4	55.3	26	38.3	30.8		1.4	7.8			
	705	11170	75.0	55.4	26	37.7	37.9	*	1.4	8.4	2.1	6.6	0.0
	695	11171	75.3	55.4	25	37.4	29.6		1.5	7.8			
	716	11172	75.3	55.3	25	37.3	28.6		1.3	6.9			
	778	11173	74.1	54.8	28	38.1	29.2		1.6	6.1			
	872	11174	73.0	54.4	25	35.8	21.5		2.7	5.7			
	934	11175	72.8	54.0	25	35.5	33.9		1.5	6.0			
	997	11180	72.3	53.8	27	35.9	31.7		2.2	6.5			
	1080	11181	72.6	54.1	25	35.9	33.2		1.5	6.5			
	1101	11182	72.3	54.0	27	36.2	33.4		1.8	8.4			
	1164	11183	72.3	54.1	27	36.3	33.1		2.1	10.0			
	1143	11184	72.8	54.1	25	35.6	32.1		2.0	12.6			
	1132	11185	73.0	54.1	25	35.4	30.2		2.1	11.0			
	1122	11190	72.9	54.2	25	35.6	31.0		1.6	10.5			
	1101	11191	72.8	54.5	29	39.3	29.5		1.5	9.5			
	997	11192	73.3	54.4	25	35.4	49.8		2.0	8.3			
	914	11193	73.7	54.9	28	38.7	34.2		1.4	6.9			
	830	11194	74.2	55.3	28	38.6	33.4		1.3	7.4			
	747	11195	74.0	55.5	29	39.1	35.0		1.5	8.9			
	617	11200	74.7	55.6	26	38.3	32.7		1.5	7.8			
	530	11201	74.9	55.8	26	38.3	34.0		1.4	7.8			
	451	11202	76.2	56.0	24	37.0	33.1		0.9	8.0			
	371	11203	76.4	56.3	27	40.3	27.9		0.7	7.9			
	371	11204	76.0	59.3	36	46.7	28.9	*	0.5	7.1			
	379	11205	77.9	60.7	35	48.9	28.6		0.4	6.8			
	379	11210	76.3	63.4	46	54.6	27.5		0.3	5.9			
	379	11211	75.9	62.8	49	54.5	27.2		0.3	5.1			
	379	11212	76.3	62.5	45	54.0	27.7		0.4	4.8			
	379	11213	76.3	62.3	45	53.9	27.6		0.4	4.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-153
AIRCRAFT DATA FLIGHT NUMBER 22 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE	371	11214	76.3	63.5	50	57.0	28.0	.0.4	4.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-154
AIRCRAFT DATA FLIGHT NUMBER 23 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	335	13315	79.2	65.1	46	56.1	17.3		0.3	12.1			
	335	13320	79.3	63.9	44	55.3	17.2	*	0.2	14.0			
	343	13321	78.4	61.2	35	48.9	16.0		0.9	16.0			
	406	13322	78.5	60.5	34	48.2	16.4		0.7	17.5			
	486	13323	77.9	60.0	34	48.3	16.6		1.2	17.8			
	533	13324	77.0	59.5	33	45.9	17.4		1.1	18.8			
	704	13325	76.3	59.3	34	46.4	17.7		1.2	18.2			
	756	13330	75.9	59.5	37	46.9	17.6		1.3	18.1			
	808	13331	76.2	60.9	39	50.4	20.3	*	1.5	15.4			
	892	13332	75.2	60.6	43	51.0	19.9		1.5	16.0			
	965	13333	74.1	60.3	46	51.6	19.0		1.8	14.6			
	1058	13334	73.7	59.8	42	49.1	17.3		2.2	14.0			
	1100	13335	73.4	60.2	47	52.1	14.7		2.9	13.2			
	1121	13340	74.6	59.3	38	47.9	21.6	*	2.0	13.3			
	1246	13341	73.5	57.7	36	44.8	16.6		3.2	15.6			
	1340	13342	72.6	56.9	36	44.9	17.4		3.1	15.5			
	1360	13343	72.9	56.2	31	41.1	20.7		3.0	17.2			
	1402	13344	72.7	56.6	36	44.5	22.5		2.6	18.3			
	1485	13345	72.3	56.6	38	44.9	24.4		2.7	18.8			
	1579	13350	72.1	55.8	34	41.5	25.2		2.9	18.3			
	1600	13351	72.4	56.1	34	41.5	22.0	*	3.0	17.6			
	1683	13352	72.3	55.7	33	41.2	24.9		2.9	17.9			
	1798	13353	73.5	53.8	24	34.3	24.4		3.1	16.1			
	1860	13354	72.8	53.5	24	34.8	24.2		3.2	14.7			
	1923	13355	73.0	53.2	24	34.1	25.0		3.4	15.0			
	2006	13360	72.9	52.5	20	29.6	24.9		3.4	14.2			
	2068	13361	72.9	52.0	19	28.8	23.0		3.5	11.4			
	2037	13362	73.3	52.6	19	29.1	23.3	*	3.3	12.3			
	2110	13363	72.8	52.6	20	29.9	25.0		3.4	12.4			
	2193	13364	72.1	52.4	22	30.7	28.2		3.5	12.4			
	2287	13365	72.3	51.9	21	29.6	34.1		3.7	11.5			
	2329	13370	71.8	51.7	21	30.1	35.1		3.7	10.6			
	2402	13371	71.7	51.5	21	29.9	29.3		3.9	10.2			
	2433	13372	71.9	51.4	21	29.4	23.7		3.9	10.0			
	2506	13373	71.7	51.2	21	29.4	25.3		4.0	10.1			
	2495	13374	71.2	51.5	22	30.7	25.9		4.0	10.4			
	2547	13375	71.0	51.5	22	31.0	24.5		4.1	10.3			
	2527	13380	71.3	51.4	22	30.4	26.5	*	4.0	11.3			
	2589	13381	71.4	51.3	21	30.1	21.7		4.7	11.5			
	2735	13382	70.5	50.6	20	26.5	23.3		4.5	9.3			
	2797	13383	70.3	50.2	19	26.1	25.3		4.3	8.7			
	2860	13384	70.1	50.0	19	26.1	21.0		5.1	7.7			
	2943	13385	69.4	49.8	20	27.0	16.7		6.9	7.9			
	3006	13390	69.1	49.7	20	27.4	18.8		5.9	8.0			
	3089	13391	68.9	49.6	21	27.6	22.7		4.9	10.2			
	3068	13392	69.4	49.7	20	26.9	24.6	*	4.5	10.0			
	3058	13393	69.7	49.6	19	26.1	23.9		4.6	10.2			
	3058	13400	69.5	49.4	19	26.1	40.4		4.9	7.9			
	3099	13410	69.4	49.2	19	25.9	26.7		4.3	6.6			
COMMERCE	2870	13450	70.6	49.7	18	24.6	27.5		4.3	5.2			
	2787	13451	71.1	50.1	17	24.4	28.4		4.2	5.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-155
AIRCRAFT DATA FLIGHT NUMBER 23 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	2724	13452	71.0	50.0	17	24.4	33.0		4.8	5.3			
	2652	13453	71.4	50.1	16	23.8	19.5		5.7	5.5			
	2600	13454	71.6	50.2	16	23.6	14.0		8.2	8.3			
	2495	13455	72.1	50.5	16	23.2	26.2		3.8	7.5			
	2485	13460	71.9	50.6	16	23.8	25.8	*	3.9	6.8			
	2423	13461	72.2	50.6	16	23.2	25.9		3.6	7.0			
	2318	13462	72.8	50.9	18	27.0	25.7		3.3	7.9			
	2266	13463	72.6	50.9	18	27.4	17.6		4.7	7.6			
	2173	13464	72.3	50.9	20	27.9	23.2		4.6	8.5			
	2079	13465	72.0	51.2	20	28.9	41.0		4.6	7.5			
	1996	13470	71.5	52.4	23	31.7	26.5		3.8	10.9			
	1985	13471	70.9	53.1	28	36.8	25.3	*	3.8	13.4			
	1912	13472	71.0	53.2	28	36.8	25.6		3.6	13.8			
	1850	13473	70.9	53.9	29	37.8	25.9		2.8	18.8			
	1777	13474	70.9	54.1	29	38.0	34.5		3.3	18.3			
	1683	13475	71.2	53.2	28	36.5	19.3		3.9	20.9			
	1569	13480	71.1	53.1	28	36.5	13.1		5.4	18.4			
	1527	13481	71.2	53.3	28	36.7	23.1		2.2	17.2			
	1475	13482	71.3	53.5	28	36.8	23.7	*	2.6	16.9			
	1412	13483	71.2	54.4	29	38.0	23.2		2.9	16.8			
	1308	13484	71.6	55.1	33	41.3	17.0		3.0	19.3			
	1277	13485	71.7	55.8	34	42.0	14.9		4.2	17.5			
	1121	13490	72.1	57.2	39	45.7	24.7		3.0	16.7			
	1090	13491	70.4	58.7	51	50.9	22.6		2.2	14.9			
	1027	13492	72.2	57.3	39	45.7	23.2	*	2.1	14.5			
	986	13493	69.9	58.4	51	51.1	17.7		2.6	12.9			
	913	13494	69.3	59.5	54	52.4	27.8		2.3	11.7			
	840	13495	70.4	58.0	46	47.9	23.1		2.6	12.9			
	715	13500	70.0	59.9	58	54.4	15.8		2.8	10.7			
	704	13501	70.4	60.1	58	54.2	17.4		1.8	12.2			3.1
	725	13502	70.7	59.6	49	51.4	20.0	*	1.8	11.1			
	756	13503	70.7	60.1	54	54.0	19.5		1.7	11.2			
	788	13504	70.1	59.3	52	51.6	20.1		1.7	11.1	1.2	3.1	
	861	13505	70.0	59.9	58	54.4	13.9		2.2	11.8			
	944	13510	69.6	59.9	59	54.6	19.0		2.0	11.1			
	965	13511	70.2	59.3	52	51.5	25.7		2.4	10.1			
	1027	13512	70.7	59.0	48	50.9	21.7		2.2	11.0			
	1069	13513	70.5	59.2	52	51.2	21.5		2.2	9.8			
	1058	13514	72.7	57.2	36	45.1	22.3	*	2.2	11.9	2.5	5.4	1.6
	1121	13515	70.9	57.9	42	47.4	22.2		2.4	11.9			
	1163	13520	72.0	55.6	34	41.4	23.7		2.7	11.9			
	1246	13521	72.1	52.4	22	30.7	27.2		2.9	11.5			
	1308	13522	71.9	51.5	21	29.6	16.8		4.4	10.6			
	1381	13523	71.7	52.2	22	31.0	14.4		4.9	11.6			
	1465	13524	71.8	52.9	26	35.4	24.6		2.3	13.5			
	1527	13525	70.7	53.5	29	37.6	22.4		2.7	14.0			
	1569	13530	70.9	53.4	28	37.2	23.4		2.6	14.4			
	1589	13531	71.2	53.3	28	36.7	22.9	*	2.7	15.2			
	1621	13532	71.2	53.6	28	37.1	22.9		2.6	15.1			
	1662	13533	71.0	53.8	29	37.6	15.5		4.6	16.4			
	1683	13534	70.9	53.9	29	37.8	23.8		4.1	14.8	1.8	3.2	1.6

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AIRCRAFT DATA FLIGHT NUMBER 23 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	1673	13535	71.1	54.3	29	38.0	36.3		3.5	15.8			
	1798	13540	70.3	54.1	32	38.8	21.8		3.6	17.3			
	1860	13541	70.4	54.0	32	38.5	26.0		3.3	17.1			
	1902	13542	70.9	53.8	29	37.7	25.3		3.5	17.7			
	1975	13543	70.7	53.4	29	37.4	25.1		3.6	16.6			
	2037	13544	72.3	51.5	20	28.9	25.3		3.5	12.0			
	2048	13545	72.4	51.2	20	28.2	25.9	*	3.5	10.1			
	2100	13550	72.3	51.3	20	28.6	29.3		4.0	11.5			
	2131	13551	73.2	50.9	17	26.3	15.8		6.4	10.9			
	2079	13552	72.6	51.2	18	27.9	24.5		3.2	8.6			
	2089	13553	71.7	51.5	21	29.9	23.9		3.3	12.1			
	2068	13554	72.3	52.2	21	30.1	24.6		3.0	17.6			
	2100	13555	71.2	52.1	23	31.7	24.5		3.4	15.1			
	2100	13560	71.5	52.1	22	31.2	25.0		3.4	15.1			
	2100	13561	72.9	51.5	18	27.9	29.6		3.2	13.6			
	2079	13570	70.9	53.7	29	37.6	24.6		3.4	12.7			
	1996	13580	71.6	52.9	27	35.6	24.2		3.3	12.2			
HAWTHORNE	1871	14023	71.7	50.6	17	24.2	27.8		2.4	6.5			
	1787	14024	72.0	50.7	16	23.8	23.4		2.9	7.1			
	1527	14032	72.4	52.3	21	30.1	22.5	*	2.2	10.5			
	1496	14033	72.0	53.8	27	36.3	26.9		2.2	12.1			
	1412	14034	71.9	54.4	28	37.2	35.2		2.6	12.2			
	1360	14035	72.1	53.3	27	35.5	27.2		2.7	10.6			
	1287	14040	72.2	53.2	26	35.2	18.4		3.3	12.0			
	1215	14041	72.6	52.6	20	30.2	16.3		3.1	10.5			
	1194	14042	72.4	52.4	22	30.2	21.6		1.9	10.1			
	1142	14043	72.2	52.6	22	30.9	23.1		1.8	9.0			
	1110	14044	71.7	52.4	23	31.3	22.6		1.8	8.7			
	1100	14045	71.7	52.0	22	30.7	22.4		1.8	10.1			
	1069	14050	71.6	52.1	22	31.0	21.9		1.8	10.0			
	1006	14051	71.7	51.9	22	30.6	18.9		1.8	10.3			
	1038	14052	71.7	51.8	22	30.4	20.8		1.8	9.6			
	1027	14053	71.6	51.5	21	30.1	21.7	*	1.9	9.3			
	1017	14054	71.6	51.4	21	29.9	21.8		1.8	9.2			
	1017	14055	71.3	51.3	22	30.2	21.0		2.0	9.1			
	965	14060	71.1	51.7	22	31.2	21.5		1.9	9.1			
	933	14061	70.9	51.5	22	31.2	16.9		2.8	9.5			
	913	14062	70.5	51.3	24	31.5	26.0		2.3	9.9			
	913	14063	70.2	51.4	25	32.1	21.3		1.9	10.7			
	892	14064	69.8	52.1	26	33.7	20.9		1.8	11.3			
	777	14065	64.5	57.3	64	52.2	20.0		1.7	9.4			
	694	14070	63.3	59.9	87	58.8	16.4		2.6	4.5			
	502	14071	63.6	60.5	83	59.0	18.3		1.1	2.6			
	390	14072	64.5	60.9	82	58.6	30.4		1.5	2.3			
	295	14073	64.5	61.1	82	58.8	21.5		0.9	2.2			
	208	14074	65.2	61.3	81	58.5	21.3		1.0	2.0			
	20	14075	65.5	61.6	76	58.5	19.3		1.1	1.9			
	20	14080	65.6	62.2	82	60.7	19.6	*	0.9	1.6			
	20	14081	66.1	62.6	82	60.6	19.7		0.7	1.5			
	20	14082	65.6	63.5	90	63.3	19.1		0.3	1.7			
	20	14083	66.1	63.4	84	61.1	18.7		0.4	1.3			

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AIRCRAFT DATA FLIGHT NUMBER 23 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	20	14084	65.7	63.4	84	61.3	19.2		0.4	1.1			
	20	14085	65.9	63.7	90	63.2	18.9		0.4	1.0			
	20	14095	66.8	65.0	91	63.4	19.0		0.3	0.9			
	20	14100	66.3	65.0	92	63.7	19.1		0.3	0.9			
	20	14101	66.6	64.8	91	63.4	19.1		0.3	0.8			
	20	14102	66.8	64.6	90	63.2	18.9		0.3	0.7			
	20	14103	66.9	64.3	90	63.0	18.5		0.4	1.2			
	20	14104	66.4	64.1	90	63.2	18.7		0.5	0.7			
	20	14105	65.4	63.9	91	63.6	18.8	*	0.8	0.7			
	20	14110	65.7	63.3	84	61.3	18.8		0.8	0.6			
	33	14111	65.4	62.1	83	60.7	17.6		1.5	0.7			
	192	14112	65.2	61.6	82	58.6	18.0		1.1	1.7			
	263	14113	64.8	61.4	82	58.8	18.0		1.2	1.2			
	367	14114	63.9	61.0	83	59.1	18.5		1.1	1.8			
	438	14115	63.6	60.7	83	59.1	18.6		1.3	1.9			
	518	14120	62.7	60.4	89	59.4	19.7		1.3	2.1			
	694	14121	62.0	59.9	90	59.6	18.5		2.1	1.3			
	725	14122	62.4	59.8	83	57.4	19.4		1.7	1.7			
	777	14123	61.6	59.6	90	57.7	21.6	*	1.6	0.9			
	840	14124	67.0	56.7	55	49.7	20.7		1.9	2.5			
	923	14125	70.3	51.8	25	32.5	21.3		1.7	4.9			
	986	14130	71.2	51.5	22	30.7	20.8		1.8	5.9			
	1121	14131	71.6	51.4	21	29.9	20.9		1.9	6.3			
	1142	14132	71.9	51.5	21	29.6	21.9	*	1.8	7.1			
	1173	14133	71.6	51.5	21	30.1	20.3		1.8	6.8			
	1308	14134	71.7	51.2	21	29.4	17.1		2.5	7.5			
	1381	14135	71.8	51.2	21	29.3	15.4		3.0	7.4			
	1465	14140	71.6	52.4	23	31.5	21.9		2.0	9.0			
	1548	14141	71.8	52.5	23	31.3	21.7		2.0	9.3			
	1517	14142	72.4	52.6	22	30.6	21.7	*	2.1	9.1			
	1621	14143	71.9	52.1	22	30.6	18.6		2.7	9.6			
	1735	14144	71.4	51.5	22	30.4	23.8		2.9	8.5			
	1746	14145	71.4	50.9	21	29.4	35.2		3.0	7.6			
	1871	14150	70.9	50.5	18	25.5	24.4		2.3	7.8			
	1964	14151	70.9	50.3	17	25.2	21.9		2.3	6.9			
	2006	14152	71.1	50.4	17	25.0	22.8		2.2	6.6			
	1996	14153	71.4	50.6	17	24.8	23.1	*	2.1	6.7			
	2058	14154	71.5	50.6	17	24.6	20.6		2.9	7.1			
	2121	14155	71.2	50.3	17	24.6	15.9		4.0	6.8			
	2141	14160	71.3	50.2	17	24.2	14.4		4.4	7.1			
	2277	14161	70.7	50.2	18	25.4	22.2		2.4	7.3			
	2350	14162	70.6	50.1	19	25.4	23.1		2.5	6.4			
	2433	14163	70.8	49.9	17	24.6	23.3		2.6	6.1			
	2558	14164	70.5	49.9	19	25.2	23.2		2.6	6.6			
	2568	14165	70.9	50.1	17	24.8	21.7	*	2.7	7.2			
	2620	14170	71.0	50.1	17	24.6	23.3		2.7	6.9			
	2756	14171	71.0	49.4	16	23.2	22.6		2.8	6.2			
	2808	14172	71.1	49.2	16	22.5	22.4		2.8	5.7			
	2860	14173	71.0	49.1	16	22.5	22.9		2.8	5.3			
	2954	14174	70.6	48.9	14	18.0	21.8		2.8	5.1			
	3037	14175	70.3	48.7	14	18.2	22.3		2.8	5.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-158
AIRCRAFT DATA FLIGHT NUMBER 23 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	3037	14180	70.5	48.8	14	18.0	21.4	*	2.9	5.2			
	3058	14181	70.5	48.8	14	18.0	21.7		2.9	5.2			
	3068	14182	70.5	48.7	14	17.7	21.1		2.9	4.9			
EL MONTE	3089	14270	69.3	48.9	16	21.1	19.0		2.9	8.1			
	3006	14271	69.4	49.1	19	25.7	18.0	*	3.1	8.8			
	2860	14272	70.2	49.4	18	24.8	17.9		2.8	9.0			
	2808	14273	69.8	49.7	19	26.1	18.1		3.0	8.8			
	2735	14274	70.4	49.7	18	25.0	17.5		2.8	9.6			
	2662	14275	70.4	49.7	18	25.0	20.9		2.9	8.8			
	2547	14280	71.0	50.0	17	24.4	24.2		2.5	9.0			
	2475	14281	71.4	50.3	17	24.2	27.7		2.7	8.8			
	2370	14282	72.0	50.6	16	23.6	25.2		2.7	8.8			
	2402	14283	71.2	50.6	17	25.2	17.6		3.3	8.9			
	2339	14284	71.3	50.6	17	25.0	19.5	*	2.5	8.7			
	2277	14285	71.9	51.1	20	28.9	19.8		2.5	9.4			
	2193	14290	72.4	51.5	20	28.8	19.3		2.6	9.9			
	2152	14291	72.7	51.2	18	27.7	19.4		2.4	8.9			
	2100	14292	72.6	51.4	19	28.2	13.1		4.3	8.3			
	2016	14293	72.9	51.5	18	27.9	12.7		4.0	8.0			
	2006	14294	72.6	51.7	19	28.8	17.9		2.9	10.7			
	1975	14295	72.7	51.8	19	28.8	17.6		2.2	10.1			
	1944	14300	73.0	51.8	19	28.2	17.7	*	2.1	10.1			
	1912	14301	72.9	51.8	19	28.4	20.4		2.3	9.1			
	1871	14302	73.1	51.9	19	28.2	28.2		2.4	9.2			
	1808	14303	72.7	52.1	19	29.3	22.9		2.3	6.7			
	1766	14304	70.4	56.4	43	46.5	18.8		2.3	11.6			
	1694	14305	72.3	54.5	32	39.9	19.3		2.2	12.1			
	1662	14310	72.9	54.4	25	35.9	19.3		2.1	12.2			
	1589	14311	71.1	56.2	36	43.0	18.6		2.0	15.7			
	1517	14312	72.5	54.3	26	36.3	19.8		1.8	14.9			
	1454	14313	71.5	57.0	40	46.1	18.6	*	1.7	16.6			3.1
	1412	14314	71.6	57.6	41	46.5	18.3		1.6	18.6			
	1392	14315	71.0	58.1	46	49.9	17.8		1.5	17.5			
	1350	14320	70.7	58.7	48	50.7	17.9		1.4	14.5	3.3	3.6	
	1267	14321	70.9	58.7	47	50.5	14.8		1.6	14.3			
	1152	14322	71.6	59.1	47	50.3	16.5		1.2	11.8			
	1110	14323	71.8	58.9	46	49.9	10.2		3.7	13.2			
	1048	14324	72.2	59.0	46	49.7	13.2		0.9	15.6	0.9	3.7	3.2
	1038	14325	72.1	59.7	47	50.3	15.0		0.3	14.9			
	1048	14330	72.2	59.8	47	50.3	15.0		0.5	16.2			
	1038	14331	72.2	59.3	46	49.9	14.8	*	0.7	14.8			
	986	14332	72.8	59.1	43	49.3	14.8		0.9	15.0			
	996	14333	72.7	59.4	43	49.6	14.0		1.0	15.6			
	850	14341	74.0	59.6	42	48.7	12.8		0.9	16.7			
	788	14342	74.6	59.8	39	48.4	15.5		0.7	15.3			
	715	14343	75.3	60.2	42	50.6	17.3		0.9	15.9			
	673	14344	76.0	60.5	42	50.3	13.2		0.9	14.8			
	663	14345	76.1	61.1	40	50.7	12.6		0.8	15.4			
	684	14350	76.2	61.0	40	50.5	12.8		0.7	15.2	1.5	4.7	3.8
	704	14351	75.4	60.8	43	51.0	12.7		0.7	14.2			
	798	14352	74.8	60.9	44	51.6	12.8		1.0	13.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-154
AIRCRAFT DATA FLIGHT NUMBER 23 DATA DATE 11/03/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	892	14353	73.8	60.3	47	51.9	13.7	1.1	13.4			
	933	14354	73.3	60.1	47	52.1	14.2	1.1	14.0			
	1069	14355	72.4	59.9	51	52.6	13.2	1.7	14.4			
	1142	14360	71.6	59.6	48	50.7	10.8	3.5	14.0			
	1183	14361	71.0	59.6	48	51.1	11.6	2.5	13.5			
	1121	14362	71.6	59.5	47	50.6	15.0	1.1	16.6			
	1121	14363	71.2	59.5	48	50.9	15.2	1.0	17.9			
	1131	14364	71.7	59.0	47	50.1	15.3	1.3	16.2			
	1121	14365	71.9	59.2	47	50.1	14.6	1.4	15.4			
	1100	14370	71.9	59.3	47	50.2	14.3	1.2	15.7			
	1058	14371	72.7	59.3	43	49.5	13.8	1.0	15.8			
	965	14372	73.1	59.3	42	49.2	12.7	1.0	15.8			
	892	14373	73.5	59.6	42	49.1	14.3	1.0	14.9			
	798	14374	74.3	60.1	43	51.3	12.8	0.7	14.4			
	704	14375	74.1	60.5	47	51.8	16.4	0.8	14.1			
	652	14380	75.0	60.9	43	51.4	13.2	0.6	15.0			
	462	14381	75.4	61.1	43	51.2	12.2	0.4	14.8			
	359	14382	76.5	61.6	40	50.8	11.9	0.3	14.3			
	303	14383	76.5	62.1	44	53.6	10.9	0.1	13.8			
	295	14384	76.0	64.0	54	57.5	11.2	0.1	11.8			
	303	14385	77.0	66.3	57	60.5	11.2	0.2	12.3			
	303	14390	77.4	65.6	56	59.8	11.1	0.2	12.6			
	303	14391	76.5	65.8	57	60.5	11.1	0.1	11.2			
	303	14392	76.2	65.8	57	60.7	11.3	0.1	9.4			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-160
AIRCRAFT DATA FLIGHT NUMBER 24 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	255	08192	54.8	55.7	100	56.0	9.2	0.0	1.4			
	255	08193	54.9	55.8	100	56.0	9.3	0.0	1.4			
	255	08194	54.9	55.9	100	56.1	9.3	0.0	1.5			
	255	08195	55.0	55.8	100	55.9	9.4	0.0	1.4			
	255	08200	55.1	55.7	100	55.8	9.4	0.0	1.3			
	255	08201	55.0	55.7	100	55.9	9.3	0.0	1.6			
	255	08202	54.7	55.8	100	56.1	9.3	0.0	1.3			
	255	08203	54.7	55.8	100	56.1	9.4	0.0	1.5			
	255	08204	54.9	55.8	100	56.0	9.4	0.2	1.7			
	239	08205	54.7	55.7	100	56.1	9.5	0.0	1.4			
	183	08210	55.0	55.7	100	55.9	9.7	0.1	1.2			
	382	08211	54.6	54.7	100	55.5	9.8	0.6	2.5			
	446	08212	54.4	54.1	99	53.4	10.4	0.6	2.1			
	493	08213	54.7	53.4	90	52.6	11.5	0.5	2.5			
	549	08214	56.7	52.6	73	48.5	11.4	0.5	3.4			
	605	08215	60.2	52.2	56	44.9	11.0	1.0	3.1			
	676	08220	60.3	52.4	56	45.0	12.5	1.1	2.9			
	676	08221	60.8	52.4	55	44.6	12.1	1.1	3.5			
	744	08222	61.8	52.6	50	43.8	15.1	1.1	2.7			
	776	08223	63.7	52.6	44	41.8	16.6	1.1	3.1			
	786	08224	64.2	52.6	43	41.3	14.4	1.6	3.5			
	828	08225	64.3	52.4	42	40.9	11.2	1.9	3.5			
	838	08230	64.4	52.4	42	40.8	12.7	1.1	4.2			
	880	08231	64.8	52.3	41	40.2	12.8	1.3	4.3			
	1192	08242	67.2	51.5	31	36.4	12.3	1.8	5.1			
	1296	08243	67.9	51.5	30	35.5	14.1	1.7	6.1			
	1380	08244	67.8	51.7	31	35.9	14.3	1.9	5.7			
	1411	08245	68.0	51.6	30	35.5	15.0	1.7	5.3			
	1453	08250	68.1	51.7	30	35.5	11.6	2.7	6.9			
	1546	08251	67.8	51.2	30	35.2	11.6	2.7	6.6			
	1577	08252	67.9	51.0	29	34.8	12.7	2.2	7.0			
	1682	08253	68.0	50.9	29	34.5	14.6	2.2	5.3			
	1744	08254	68.1	50.6	25	30.6	15.9	2.1	5.3			
	1838	08255	68.1	50.8	25	30.9	15.5	2.1	5.7			
	1900	08260	68.2	50.9	29	34.3	14.4	2.2	5.4			
	1942	08261	68.2	51.2	29	34.7	15.8	2.2	5.8			
	2015	08262	67.8	51.4	30	35.5	15.2	2.4	7.1			
	2077	08263	67.9	51.3	30	35.2	15.6	2.3	7.8			
	2161	08264	67.6	50.9	30	35.1	15.7	2.4	7.0			
	2265	08265	67.4	51.1	30	35.6	16.2	2.4	8.1			
	2317	08270	67.3	51.0	30	35.6	21.0	2.7	7.5			
	2327	08271	67.6	51.0	30	35.2	24.8	3.1	6.8			
	2379	08272	67.4	50.7	26	31.8	16.2	3.8	6.6			
	2379	08273	67.8	50.6	25	31.1	16.1	2.6	6.7			
	2431	08274	67.8	50.3	25	30.6	15.3	2.8	7.0			
	2504	08275	67.4	50.0	25	30.8	15.3	2.7	7.3			
	2535	08280	67.2	49.8	25	30.8	15.6	2.8	7.2			
	2577	08281	67.2	49.7	25	30.6	15.6	2.7	7.6			
	2629	08282	66.9	49.6	27	30.9	15.7	2.7	7.2			
	2671	08283	66.8	49.4	26	30.8	15.6	2.8	6.9			
	2733	08284	66.6	49.2	26	30.8	15.8	2.6	7.8			

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AIRCRAFT DATA FLIGHT NUMBER 24 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDR	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2785	08285	66.5	49.2	27	30.9	15.7		2.6	7.0			
	2806	08290	66.6	49.1	26	30.6	16.7		2.6	7.2			
	2796	08291	66.9	49.2	26	30.3	17.8		3.1	6.4			
COMMERCE	2890	08341	66.8	48.5	21	25.5	17.6		3.1	5.8			
	2910	08342	67.1	48.3	19	24.5	16.6		3.2	5.9			
	2890	08343	67.5	48.5	19	24.1	16.6	*	3.2	5.9			
	2858	08344	67.4	48.6	19	24.5	16.6		3.2	5.9			
	2744	08345	67.5	48.6	19	24.3	16.6		3.3	5.8			
	2567	08350	68.0	48.8	19	23.7	31.6		3.9	5.0			
	2421	08351	68.4	49.2	22	27.8	19.9		4.0	5.6			
	2379	08352	68.4	49.4	22	28.1	17.7	*	2.8	7.3			
	2286	08353	68.7	49.9	23	28.5	18.0		2.7	8.0			
	2150	08354	68.7	50.4	23	29.3	18.6		2.6	8.7			
	2004	08355	69.0	50.5	22	29.0	18.3		2.5	9.0			
	1859	08360	68.5	50.9	28	33.8	17.3	*	2.4	8.8			
	1755	08361	68.5	51.1	28	34.1	12.7		3.8	7.5			
	1702	08362	67.9	51.2	30	35.1	11.1		6.3	8.7			
	1536	08363	68.4	51.6	29	34.9	13.6		3.3	7.3			
	1432	08364	68.2	51.7	30	35.3	15.1		2.3	7.2			
	1369	08365	67.7	52.0	31	36.4	15.3	*	2.0	7.2			
	1265	08370	67.7	52.5	32	37.0	14.0		2.0	6.7			
	1192	08371	66.1	52.3	36	38.7	21.2		2.3	6.4			
	1026	08372	65.3	52.2	38	39.6	20.7		2.7	6.5			
	921	08373	63.9	52.6	43	41.6	16.1		1.1	9.0			
	838	08374	63.6	52.6	44	41.9	15.1	*	0.9	7.2			
	817	08375	62.1	52.6	50	43.5	14.5		0.9	7.4			
	807	08380	61.2	52.6	55	44.4	9.8		3.6	11.1	13.3	21.6	10.4
	765	08381	58.6	53.1	70	49.3	11.8		2.5	6.4			
	684	08382	59.2	53.0	69	48.7	13.1		1.2	4.8			
	644	08383	58.4	53.5	72	49.8	13.0	*	0.9	4.7			
	652	08384	58.2	54.1	73	50.5	13.2		0.9	4.3			
	684	08385	58.8	53.5	71	49.5	19.3		1.4	4.2			
	713	08390	58.9	53.2	70	49.2	13.1		1.7	5.6			
	765	08391	58.6	52.7	69	49.0	13.7		1.0	4.0			
	859	08392	60.8	52.1	54	44.3	13.7		1.0	5.5			
	1005	08400	64.8	52.3	41	40.2	10.6		2.1	8.4			
	1067	08401	65.0	52.5	41	40.2	11.7		4.1	5.9	0.8	2.2	1.1
	1046	08402	65.3	52.5	38	39.9	16.2		1.6	5.6			
	1161	08403	66.4	52.6	36	38.7	17.9		1.8	5.8			
	1255	08404	66.4	52.1	36	38.1	16.9		2.0	5.6			
	1338	08405	66.6	51.8	35	37.5	18.1		2.0	5.3			
	1453	08410	66.6	51.5	34	37.2	16.2		2.2	5.6			
	1421	08411	67.0	51.6	34	36.8	16.4	*	2.1	5.7	1.6	2.7	0.9
	1411	08412	67.5	51.7	31	36.3	16.6		2.0	6.2			
	1400	08413	67.5	50.9	30	35.2	15.8		2.1	6.6			
	1463	08414	66.9	51.0	33	36.1	26.9		2.8	7.0			
	1494	08415	67.4	50.9	30	35.3	20.6		3.1	7.5			
	1536	08420	67.7	51.2	30	35.3	16.0		1.6	8.0			
	1702	08421	67.3	51.1	30	35.7	15.8		2.0	8.1			
	1775	08422	67.4	50.9	30	35.3	16.9		2.1	7.3			
	1869	08423	67.7	50.8	26	31.5	16.6		2.3	7.3			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
COMMERCE	1973	08424	68.2	50.5	24	30.3	17.5		2.1	7.5			
	1984	08425	68.2	50.5	24	30.3	18.1		2.3	7.1			
	1932	08430	68.2	50.7	25	30.6	18.1	*	2.2	6.7			
	1890	08431	68.4	50.9	28	34.0	18.7		2.2	9.2			
	1879	08432	68.2	51.0	29	34.4	18.5		2.2	9.2			
	1932	08433	68.3	50.9	28	34.1	14.5		2.7	23.5			
	1900	08434	68.8	50.9	28	33.4	19.2		1.8	24.0			
	1911	08435	69.1	50.9	26	33.0	18.6		2.6	7.6			
	1973	08440	69.5	51.0	25	32.5	18.0		2.6	9.4			
	1994	08441	69.6	51.2	25	32.7	18.9		2.3	9.6			
	2036	08442	69.4	51.0	25	32.7	18.4		2.5	9.5			
	2067	08450	69.0	51.0	26	33.3	18.6		2.1	10.5			
	1963	08460	70.0	51.1	25	32.0	18.2		2.0	12.7			
FL MONTE	1338	08465	69.7	51.9	26	33.6	17.8		1.7	7.7			
	1276	08470	68.5	51.5	29	34.7	13.3		2.6	8.9			
	1338	08471	69.7	51.5	26	33.0	12.0		2.7	9.8			
	1400	08472	69.9	51.6	25	32.8	16.2		2.2	12.0	0.2	1.1	0.7
	1442	08473	69.9	51.6	25	32.8	22.8		2.1	8.0			
	1463	08474	69.8	51.5	25	32.8	25.4		2.0	8.5			
	1505	08475	69.7	51.5	26	33.0	17.9		2.5	8.2			
	1432	08480	70.1	51.6	25	32.5	13.9		2.7	8.9			
	1286	08481	69.0	51.7	27	34.3	17.4		1.8	9.3			
	1182	08482	68.0	51.5	30	35.3	17.9		1.7	8.3			
	1026	08483	67.0	51.4	33	36.5	17.1		1.6	8.7			
	963	08484	66.6	51.8	35	37.5	12.2		2.7	9.1			
	984	08485	66.2	51.5	35	37.7	16.4		1.3	8.6	1.8	3.2	0.9
	963	08490	66.2	51.3	35	37.4	16.7	*	1.4	7.3			
	974	08491	66.0	51.1	35	37.4	16.6		1.1	8.1			
	942	08492	65.5	50.8	31	34.7	20.7		1.2	7.7			
	890	08493	65.0	50.7	34	35.2	20.9		1.2	6.8			
	859	08494	64.9	50.6	34	35.2	17.8		1.2	6.3			
	807	08495	64.5	50.3	34	35.4	16.8		1.3	6.6			
	765	08500	64.5	50.3	34	35.4	16.6		1.1	6.6			
	744	08501	63.3	50.3	38	36.9	14.0		1.8	6.8			
	734	08502	63.5	50.2	36	36.5	15.5		1.4	6.2			
	684	08503	62.5	51.7	47	42.1	16.5		1.2	5.8			
	676	08504	62.8	52.4	48	42.5	16.4	*	1.2	5.4	0.2	5.4	2.7
	676	08505	63.5	52.6	44	42.0	16.7		1.2	6.0			
	652	08510	61.9	52.6	50	43.7	16.5		1.1	5.8			
	734	08511	63.6	51.9	43	41.1	15.0		1.6	6.2			
	817	08512	64.8	51.5	40	39.3	16.9		1.6	6.6			
	869	08513	65.4	51.3	36	38.4	13.1		2.3	5.4			
	994	08514	67.4	51.5	31	36.1	14.1		2.4	5.9			
	1057	08515	67.3	51.5	31	36.3	17.8		2.5	6.8			
	1057	08520	67.5	51.5	31	36.0	21.4		1.5	8.0			
	1036	08521	67.4	51.5	31	36.1	17.2		1.5	8.4			
	1005	08522	66.8	51.3	34	36.6	17.5		1.6	8.5			
	1005	08523	66.8	50.8	29	32.9	19.7		1.4	8.6			
	963	08524	66.3	51.1	34	37.0	16.3		1.5	7.8			
	921	08525	65.6	51.2	35	38.0	16.4		1.4	5.5			
	890	08530	65.4	51.0	35	38.0	16.8		1.4	6.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-163
AIRCRAFT DATA FLIGHT NUMBER 24 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	838	08531	64.9	50.9	38	38.5	17.0	1.4	6.0			
	786	08532	64.2	50.7	35	36.3	16.5	1.1	6.3			
	755	08533	63.7	50.5	36	36.7	23.1	1.2	6.1			
	692	08534	62.8	51.0	45	41.0	17.7	1.0	5.0			
	668	08535	61.1	52.6	55	44.5	16.5	1.1	3.7			
	620	08540	60.4	53.2	62	47.9	16.4	1.0	3.2			
	605	08541	59.9	54.5	71	51.5	14.8	1.2	3.0			
	573	08542	59.3	55.3	79	52.5	14.5	1.2	3.5			
	541	08543	59.2	55.3	79	52.6	16.1	1.1	3.8			
	477	08544	59.1	55.2	79	52.6	14.5	1.3	4.1			
	414	08545	59.3	55.0	78	52.3	15.0	0.6	2.9			
	319	08550	59.7	55.0	78	52.0	14.0	1.1	2.5			
	223	08551	59.8	55.8	79	52.5	13.6	* 0.4	2.5			
	255	08552	59.4	56.9	88	55.5	13.8	0.4	2.1			
	255	08553	59.5	57.9	90	56.1	13.9	0.3	2.4			
	247	08554	59.7	58.4	97	58.2	13.4	0.1	1.7			
	255	08555	59.5	58.1	97	58.1	13.6	0.1	1.6			
	255	08560	59.4	58.4	98	58.4	13.6	0.2	1.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-164
AIRCRAFT DATA FLIGHT NUMBER 25 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	358	10201	72.8	58.3	42	48.6	20.0		0.2	2.4			
	358	10202	72.2	58.7	46	49.4	19.6		0.2	2.8			
	358	10203	71.0	59.3	48	50.9	19.9		0.1	2.3			
	358	10204	71.7	59.3	47	50.3	20.1		0.1	2.3			
	358	10205	70.8	59.2	48	51.0	20.1	*	0.1	2.0			
	358	10210	70.6	59.6	52	51.4	20.2		0.1	2.0			
	358	10211	71.6	60.2	53	53.4	19.8		0.2	2.1			
	358	10212	70.3	59.6	53	51.7	20.5		0.3	1.7			
	319	10213	69.5	59.1	53	51.9	20.3		0.2	2.3			
	382	10214	69.1	57.5	47	48.6	19.6		0.9	3.2			
	446	10215	68.6	56.2	44	45.5	20.3		0.7	4.3			
	525	10220	68.1	56.8	50	48.9	20.9		1.1	4.4			
	573	10221	67.3	56.1	46	46.6	22.6		1.1	5.9			
	676	10222	66.6	56.0	50	47.1	21.4		1.6	5.6			
	921	10230	66.2	52.4	36	38.7	22.1		2.8	6.1			
	984	10231	65.0	55.5	55	48.1	22.8		2.7	6.1			
	921	10232	66.8	55.4	49	46.4	27.1	*	2.2	5.7			
	1276	10240	69.6	51.6	26	33.3	26.2		3.2	8.3			
	1359	10241	69.6	51.5	26	33.1	30.5		3.0	8.5			
	1432	10242	69.7	51.5	26	33.0	28.4		3.2	8.8			
	1473	10243	69.5	51.4	26	33.1	29.8	*	3.3	8.7			
	1525	10244	69.9	51.3	25	32.4	22.1		4.4	9.0			
	1577	10245	69.5	51.2	25	32.8	22.9		4.2	8.7			
	1661	10250	69.6	51.2	25	32.7	24.7		4.0	11.6			
	1755	10251	69.4	51.3	26	33.1	25.5		4.3	10.1			
	1796	10252	69.3	51.5	26	33.6	26.3		4.2	10.2			
	1838	10253	69.5	51.1	25	32.7	31.5		4.1	9.3			
	1879	10254	69.5	51.0	25	32.5	29.7		3.9	9.6			
	1984	10255	69.3	50.6	21	28.6	29.9		3.9	9.3			
	1994	10260	69.8	50.4	20	27.4	28.9	*	3.7	8.3			
	2036	10261	69.7	50.2	20	27.2	28.0		3.8	8.6			
	2150	10262	69.3	50.1	21	27.8	29.8		3.8	7.8			
	2202	10263	69.2	50.3	21	28.3	29.8		3.8	8.3			
	2254	10264	69.2	50.2	21	28.1	27.6		4.0	8.6			
	2338	10265	69.0	50.4	22	28.8	35.5		3.9	8.7			
	2369	10270	68.8	50.3	23	29.0	47.1		4.2	8.3			
	2431	10271	68.4	50.2	24	29.5	35.4		4.7	8.7			
	2463	10272	68.6	50.0	23	28.8	23.2		5.3	8.2			
	2431	10273	68.9	49.9	21	28.1	31.4	*	4.1	8.2			
	2431	10274	69.0	49.8	21	27.8	30.0		3.9	9.3			
	2515	10275	68.6	49.5	22	27.9	30.0		4.2	8.4			
	2567	10280	68.6	49.3	22	27.6	29.9		4.2	7.4			
	2608	10281	68.4	49.2	22	27.8	30.4		4.2	7.2			
	2660	10282	68.3	49.1	22	27.8	33.3		4.2	6.6			
	2692	10283	68.5	49.1	22	27.4	20.2		5.9	7.0			
	2765	10284	68.2	48.9	18	23.5	21.8		5.9	8.5			
	2796	10285	68.4	48.9	18	23.1	27.9		5.5	7.2			
	2827	10290	68.4	48.9	18	23.1	30.3		4.6	7.3			
	2910	10291	68.0	48.9	19	23.9	30.6		4.4	7.1			
	2962	10292	67.7	48.6	19	23.9	31.0		4.4	7.1			
	2983	10293	68.0	48.6	18	23.3	29.7	*	4.3	6.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-165
AIRCRAFT DATA FLIGHT NUMBER 25 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	3004	10294	68.3	48.7	18	22.8	30.4		4.2	7.2			
	3129	10295	67.7	48.6	19	23.9	28.6		4.5	7.1			
	3192	10300	67.1	48.3	19	24.5	49.2		4.6	6.5			
	3233	10301	67.0	48.0	20	24.1	42.7		5.0	6.3			
	3285	10302	66.8	48.0	20	24.5	26.5		5.5	7.0			
	3358	10303	66.5	47.8	21	24.7	30.5		4.5	7.3			
	3462	10304	65.8	47.5	21	25.5	30.1		4.7	6.9			
	3514	10305	65.3	47.2	18	21.7	31.2	*	4.4	7.4			
	3504	10310	65.8	47.2	17	20.6	32.7		4.6	6.8			
	3577	10311	65.1	47.1	20	21.9	31.0		4.6	7.5			
	3650	10312	64.7	46.8	20	22.1	32.8		4.7	7.3			
	3702	10313	64.6	46.5	19	21.7	27.9		5.0	7.8			
	3806	10314	64.0	46.3	20	22.6	33.7		4.8	7.6			
	3837	10315	64.0	46.0	20	21.9	22.1		6.0	6.4			
	3910	10320	63.6	45.8	20	22.4	23.4		6.3	6.7			
	3962	10321	63.5	45.9	20	22.8	30.9		5.8	6.1			
	3962	10322	63.6	46.2	21	23.2	34.0		5.2	6.2			
	4004	10323	63.5	46.5	21	24.0	32.1		5.0	7.6			
	4056	10324	63.3	46.7	24	24.8	30.7	*	5.0	8.0			
	4025	10325	63.7	46.7	21	24.0	29.4		4.8	8.1			
	3973	10330	64.2	46.7	20	23.0	36.0		4.7	7.2			
	3400	10340	67.2	47.4	18	22.4	29.9		4.7	6.5			
COMMERCE	2379	10383	69.3	48.9	16	21.1	33.2		4.2	5.8			
	1921	10393	70.0	49.0	15	19.7	33.3		3.8	7.6			
	1442	10403	68.2	49.9	23	29.3	21.6		5.4	10.1			
	984	10413	65.0	55.5	55	48.1	24.8		1.5	23.5			
	692	10423	64.8	57.4	64	52.0	23.1	*	1.0	8.0	1.3	21.6	8.3
	911	10433	64.0	56.2	59	49.5	26.2		2.6	8.5	0.4	24.9	8.7
	1078	10443	65.9	54.1	44	43.6	36.1		3.3	8.7			
	1505	10453	67.9	49.3	23	28.8	32.8		2.9	8.8			
	1432	10463	67.6	50.1	25	30.6	36.4		4.3	8.3	0.2	1.8	0.2
	1453	10473	67.1	50.8	27	32.4	31.2		3.2	17.9			
	1453	10483	66.2	50.5	29	33.3	29.9		2.7	9.2			
	1442	10493	68.4	49.2	22	27.8	23.1		4.1	9.3			
	1390	10503	65.7	51.5	36	38.3	24.6		4.3	12.0			
	2004	10513	68.4	49.7	23	28.6	32.5		2.6	13.1			
	1973	10523	70.0	48.9	15	19.5	32.5		3.6	5.8			
	1838	10540	70.9	49.2	16	23.0	33.9		3.5	6.1			
	1827	10550	70.1	49.3	18	24.8	34.5		3.5	6.3			
	2056	10560	69.0	49.4	20	27.0	34.8		3.6	6.0			
	2286	10570	69.5	49.7	20	26.7	35.9		3.8	6.0			
	2515	10580	69.1	49.6	20	27.2	33.5		3.9	6.2			
HAWTHORNE	2598	10584	69.1	49.4	20	26.9	35.6		4.0	5.9			
	2504	10594	68.4	49.4	22	28.1	50.1		4.6	5.9			
	2338	11004	69.2	49.1	19	26.1	31.2		4.7	5.2			
	1827	11014	69.8	50.2	20	27.0	29.9		3.9	5.5			
	1067	11024	66.4	51.3	34	37.2	21.6		4.0	10.4			
	96	11034	60.6	58.2	89	57.5	26.3		1.8	1.9			
	80	11044	61.0	59.5	91	58.1	27.3		0.4	1.1			
	80	11054	49.7	60.6	100	66.5	6.4		0.0	28.5			
	80	11064	62.0	59.7	84	57.6	26.0		0.3	0.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-166
AIRCRAFT DATA FLIGHT NUMBER 25 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	80	11074	49.7	60.2	100	66.3	19.7		0.0	8.0			
	80	11084	63.9	60.1	81	58.5	26.0		0.4	0.6			
	80	11124	63.3	60.8	89	59.3	26.0		0.5	0.6			
	469	11133	59.6	57.5	89	55.8	28.7		1.2	3.3			
	1026	11143	64.4	53.2	48	44.2	28.8		2.9	11.1			
	1536	11153	69.1	50.7	22	29.1	30.5		3.5	7.8			
	1879	11163	69.7	50.0	20	26.9	27.4		4.2	5.7			
	2046	11173	69.7	49.6	19	26.1	37.2		3.8	6.5			
	1952	11183	70.5	50.1	19	25.5	33.9		3.6	5.7			
	1796	11200	70.7	50.2	18	25.4	31.8		3.4	6.4			
	1765	11210	70.8	49.6	17	24.0	30.8		3.3	6.2			
	1702	11220	71.1	49.5	16	23.2	32.0		3.5	6.6			
	1661	11230	70.6	49.0	14	18.2	33.3		3.1	6.0			
	1692	11240	70.2	48.9	14	19.0	30.4		2.9	6.5			
	1848	11250	69.8	48.9	15	19.9	34.2		3.0	5.7			
	2348	11260	68.2	49.1	22	27.9	35.7		3.5	6.7			
EL MONTE	3025	11281	67.5	48.6	19	24.3	22.2		4.8	7.0			
	2942	11283	67.8	48.7	19	23.9	36.0		4.4	6.1			
	2442	11293	68.6	49.2	22	27.4	34.4	*	4.0	6.4			
	2046	11303	68.4	49.7	23	28.6	33.9		3.6	7.6			
	1942	11313	68.8	50.7	24	29.6	33.1		3.7	10.7			
	1484	11323	68.9	53.8	34	40.0	42.6		2.7	10.0	1.1	11.4	6.5
	1213	11333	67.8	57.1	51	49.4	22.0		2.3	10.4			
	1005	11343	68.2	56.7	50	48.7	27.2		1.6	13.4	1.4	12.6	10.1
	684	11353	70.1	58.3	51	50.8	23.1	*	1.2	14.2	0.6	8.9	8.8
	953	11363	67.1	58.1	59	53.0	26.3		1.8	14.2			
	1098	11373	67.5	55.5	45	45.9	29.7		2.1	14.6			
	953	11383	69.1	57.8	47	48.9	26.8		1.8	13.1			
	744	11393	69.6	58.8	52	51.6	23.2		1.5	13.5			
	406	11403	71.7	60.5	53	53.6	18.8	*	0.5	11.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-167
AIRCRAFT DATA FLIGHT NUMBER 26 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	337	14111	75.2	61.5	44	51.7	14.4		0.3	10.5			
	344	14112	76.0	60.2	41	50.1	13.9		0.7	11.2			
	416	14113	74.2	59.7	42	48.6	13.6		0.7	12.9			
	464	14114	74.0	59.5	42	48.6	14.4		0.9	13.2			
	511	14115	74.4	59.0	38	47.8	15.4		1.2	12.8			
	591	14120	73.8	58.1	40	47.6	16.1		1.0	13.8			
	709	14121	73.1	57.9	37	45.4	16.0		1.2	12.6			
	750	14122	72.6	57.9	37	45.9	16.9		1.5	11.9			
	761	14123	73.3	57.3	36	44.6	17.9	*	1.2	12.3			
	834	14124	72.4	57.6	40	45.8	16.9		1.6	12.5			
	875	14125	72.2	58.0	40	46.3	15.1		1.8	13.6			
	938	14130	71.9	57.8	41	46.4	12.9		3.0	13.2			
	959	14131	72.0	57.2	40	45.8	12.4		2.7	12.6			
	1000	14132	72.0	56.8	39	45.4	18.8		1.6	12.4			
	1052	14133	71.6	57.3	40	46.2	17.1	*	1.7	12.4			
	1125	14134	71.4	57.3	41	46.4	18.2		1.6	12.7			
	1177	14135	70.7	57.6	42	47.3	18.3		1.9	12.4			
	1208	14140	70.5	57.3	45	47.2	16.2		2.5	13.2			
	1271	14141	70.4	56.9	44	47.0	19.0		2.0	12.9			
	1302	14142	70.8	56.1	36	43.2	20.4		2.1	12.9			
	1427	14143	70.5	52.9	30	37.1	21.1		2.2	10.4			
	1500	14144	69.8	53.2	32	38.3	20.6		2.6	10.0			
	1573	14145	70.2	52.0	26	33.0	21.1		2.7	9.6			
	1687	14150	70.0	50.9	24	31.7	21.0		3.0	7.7			
	1646	14151	69.6	51.6	26	33.3	19.3		3.0	7.6			
	1583	14152	69.8	52.1	26	33.7	19.0		3.1	8.9			
	1521	14153	69.6	54.9	38	43.2	19.7	*	3.0	10.9			
	1542	14154	70.2	56.1	39	43.8	18.5		3.3	13.9			
	1615	14155	70.5	51.2	24	31.3	20.2		3.0	10.1			
	1667	14160	70.4	51.8	25	32.4	22.2		2.8	9.3			
	1740	14161	70.5	50.6	20	26.5	24.6		2.5	8.0			
	1781	14162	69.8	50.5	21	27.6	26.0		2.8	7.2			
	1833	14163	70.2	50.5	20	26.9	25.7		3.2	6.9			
	1937	14164	70.3	50.5	20	26.7	20.8		3.3	7.1			
	2000	14165	70.1	50.5	20	27.0	20.9		3.3	7.1			
	2010	14170	70.1	50.3	20	26.7	21.4		3.1	7.2			
	2010	14171	70.5	50.6	20	26.5	21.3	*	3.1	7.2			
	2083	14172	70.0	50.4	20	27.0	20.6		3.0	7.0			
	2135	14173	69.8	50.1	20	26.9	21.2		2.6	6.8			
	2166	14174	69.6	50.1	20	27.2	20.6		2.5	6.6			
	2198	14175	69.3	49.9	20	27.4	20.8		2.7	6.8			
	2291	14180	69.1	49.6	20	27.2	20.8		2.7	6.5			
	2343	14181	68.7	49.3	22	27.4	20.6		2.8	6.2			
	2385	14182	68.5	49.3	22	27.8	23.6		2.8	6.8			
	2427	14183	68.2	48.9	18	23.5	22.0		3.0	5.8			
	2458	14184	68.0	48.9	19	23.9	17.2		3.7	5.9			
	2500	14185	68.2	49.3	22	28.3	13.3		5.4	6.2			
	2562	14190	67.5	48.9	20	24.9	14.9		3.4	6.3			
	2541	14191	68.2	48.9	18	23.5	19.9	*	2.5	6.5			
	2593	14192	68.2	49.2	22	28.1	21.0		2.7	6.4			
	2677	14193	67.7	49.1	23	28.8	20.8		2.8	6.4			

SCOTT RESEARCH LABORATORIES CPA70-6114211135R043 RUN DATE 02/04/70-168
AIRCRAFT DATA FLIGHT NUMBER 26 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
EL MONTE	2739	14194	67.3	48.9	20	25.3	21.2		3.0	6.5			
	2802	14195	66.9	48.7	21	25.6	21.4		3.1	6.7			
	2885	14200	66.4	48.5	22	26.2	16.4		4.1	7.0			
	2947	14201	66.1	48.3	22	26.4	19.3		3.7	8.1			
	2937	14202	66.0	48.3	22	26.6	26.4		3.7	6.9			
	3010	14203	66.1	48.0	22	25.8	30.2		3.5	6.5			
	3041	14204	66.1	47.9	21	25.6	21.3		3.0	6.9			
	3020	14205	66.6	48.0	21	24.9	21.5	*	2.9	6.4			
	2999	14210	67.0	48.0	20	24.1	25.9		3.1	6.0			
	2937	14211	67.2	48.2	19	24.1	20.6		2.8	6.3			
	2968	14230	67.2	47.8	18	23.3	20.6		3.3	6.4			
	2812	14240	68.2	48.0	17	21.5	20.3		3.2	6.9			
COMMERCE	2416	14245	69.9	47.9	13	17.2	20.6		3.8	6.0			
	2406	14250	69.6	47.8	14	17.7	19.8	*	3.5	6.1			
	2375	14251	69.6	47.8	14	17.7	17.3		4.4	7.5			
	2291	14252	69.8	48.5	14	19.0	22.5		3.2	6.6			
	2146	14253	70.0	49.0	15	19.7	22.3		2.9	5.8			
	2010	14254	70.9	49.2	16	23.0	21.4		3.1	6.0			
	1969	14255	70.0	50.3	20	26.9	20.4	*	2.1	17.6			
	1937	14260	70.3	50.2	19	26.1	20.2		3.3	7.0			
	1875	14261	70.0	51.1	25	32.0	20.4		3.1	7.9			
	1792	14262	70.5	49.9	19	25.2	20.6		2.8	7.4			
	1729	14263	70.4	50.9	24	31.0	18.1		3.7	7.4			
	1646	14264	70.5	51.8	25	32.3	12.0		6.1	9.5			
	1542	14265	70.2	50.1	19	26.1	15.9		3.0	10.3			
	1458	14270	69.3	56.0	40	44.6	17.8	*	2.0	16.2			
	1406	14271	69.9	55.0	38	43.0	17.3		2.0	13.2			
	1313	14272	70.9	52.9	28	36.5	17.9		1.7	11.6			
	1292	14273	70.0	54.6	37	42.5	19.6		1.1	14.5			
	1292	14274	69.3	57.1	46	48.1	12.2		2.9	15.0			
	1271	14275	69.3	57.0	46	48.0	22.3		2.7	16.1			
	1156	14280	70.9	55.4	35	42.4	18.6		1.6	15.1			
	1052	14281	71.3	55.5	34	42.1	17.9		1.8	13.7			
	990	14282	71.4	57.0	40	46.1	16.2	*	1.7	13.9			
	948	14283	71.2	57.3	41	46.6	20.5		2.0	12.8			
	938	14284	70.7	57.9	42	47.6	11.3		3.3	15.7			
	823	14285	71.7	57.9	41	46.7	11.3		1.8	17.7			
	750	14290	71.8	58.1	45	49.3	15.3		0.9	18.1			
	740	14291	71.9	57.4	40	46.1	15.3	*	0.3	18.2	0.1	1.2	2.5
	750	14292	72.0	57.7	40	46.2	13.9		0.5	18.3			
	750	14293	71.9	58.2	45	49.3	14.2		0.8	22.2			
	771	14294	71.6	58.4	46	49.7	11.1		1.4	18.4			
	834	14295	71.5	57.7	41	46.7	21.1		1.9	15.8			
	886	14300	71.2	58.1	46	49.8	16.1		1.4	15.1			
	959	14301	71.3	57.6	41	46.8	15.8		0.0	24.8			
	969	14302	71.1	57.1	41	46.5	16.2		1.5	13.7			
	1021	14303	71.1	56.5	40	46.0	16.7		0.3	20.3			
	1042	14304	71.0	56.7	40	46.2	15.4	*	1.8	12.0	1.7	3.2	2.7
	1073	14305	70.7	57.3	42	47.1	17.4		1.8	11.7			
	1073	14310	70.9	57.6	42	47.1	17.6		1.9	11.3			
	1083	14311	70.3	57.5	45	47.6	14.4		2.3	11.8			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-16:
AIRCRAFT DATA FLIGHT NUMBER 26 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
COMMERCE	1167	14312	69.9	55.5	39	43.5	17.9	2.4	10.1			
	1188	14313	69.4	56.1	40	44.6	11.0	4.9	9.3			
	1208	14314	69.3	57.1	46	48.1	12.6	2.9	12.9			
	1333	14315	68.8	56.4	49	47.9	16.9	2.1	10.7			
	1448	14320	68.0	56.3	50	48.5	17.9	2.2	10.5			
	1500	14321	67.7	56.1	46	46.2	18.5	2.2	10.1			
	1552	14322	69.1	51.7	27	34.1	18.7	1.9	10.1			0.7
	1562	14323	68.7	51.2	28	34.0	17.8	2.1	10.8			
	1562	14324	68.1	54.5	42	44.3	19.2	2.1	14.0			
	1531	14325	69.5	54.1	33	39.7	13.1	3.4	68.6			
	1573	14330	70.0	53.8	32	38.8	15.0	3.5	18.9			
	1500	14331	69.1	54.1	34	40.2	25.3	2.6	14.9			
	1521	14332	68.8	56.4	49	47.9	17.9	2.3	15.1			
	1500	14333	70.2	53.2	31	37.8	18.3	2.1	13.7			
	1490	14334	69.6	52.5	27	34.5	18.0	2.3	11.9			
	1448	14335	69.8	54.6	37	42.7	16.5	2.6	13.2			
	1469	14340	69.3	56.3	45	47.4	17.0	2.7	14.0			
	1490	14341	69.3	53.6	33	39.4	19.2	2.5	12.2			
	1448	14342	68.9	53.9	34	40.2	19.0	2.6	12.8			
	1396	14343	69.2	53.9	34	39.8	22.2	2.8	12.6			
	1313	14344	69.0	56.0	41	44.9	12.0	4.0	13.6			
	1198	14345	69.6	56.9	45	47.7	11.9	3.5	18.2			
	1063	14350	70.5	56.5	43	46.5	14.4	1.2	23.6			
	1021	14351	70.6	57.4	45	47.2	17.3	1.2	21.3			
	1000	14352	70.9	57.3	41	46.9	12.3	2.9	16.4			
	1000	14353	71.0	57.2	41	46.7	23.2	2.4	16.9			
	990	14354	70.7	57.7	42	47.4	14.8	0.8	20.6			
	979	14355	71.2	57.4	41	46.7	16.2	1.7	16.4			
	1011	14360	70.3	57.6	45	47.7	15.3	2.2	16.9			
	1052	14361	70.3	57.6	45	47.7	10.4	4.6	16.3			
	1021	14362	70.9	55.5	35	42.5	12.4	1.6	15.1			
	1000	14363	70.7	57.4	42	47.1	15.6	1.4	24.2			
	1000	14364	70.7	57.3	42	47.1	15.3	0.2	25.3			
	1042	14365	70.4	56.4	43	46.5	15.0	1.4	16.1			
	1125	14370	70.2	57.2	45	47.4	20.1	1.3	31.9			
	1188	14371	69.8	56.8	45	47.4	16.6	1.5	18.2			
	1313	14372	68.9	55.7	40	44.7	16.8	1.8	16.3			
	1417	14373	68.7	55.3	43	44.5	16.0	1.8	14.4			
	1469	14374	69.6	50.7	21	28.3	17.9	1.6	12.0			
	1594	14375	68.7	52.4	30	35.6	18.0	1.6	15.1			
	1677	14380	67.2	54.0	39	42.1	22.4	2.2	11.9			
	1760	14381	69.1	51.8	27	34.3	21.1	2.4	11.8			
	1906	14382	68.7	50.3	23	29.1	18.3	2.7	10.8			
	1989	14383	68.6	50.0	23	28.8	16.1	2.6	9.1			
	2041	14384	68.9	49.1	20	26.7	17.2	2.2	8.6			
	2010	14385	68.8	49.6	22	27.8	17.5	2.6	8.1			
	2000	14390	69.8	49.7	19	26.1	17.2 *	2.7	7.8			
	2031	14391	69.4	49.4	19	26.3	17.4	2.7	8.1			
	2073	14392	69.4	49.2	19	25.9	18.1	2.6	7.1			
	2052	14400	69.4	49.9	20	27.2	17.1	2.7	8.2			
HAWTHORNE	1438	14455	70.0	48.2	14	17.7	15.5 *	2.4	4.7			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-170
AIRCRAFT DATA FLIGHT NUMBER 26 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT		OX	NO	NO2	CO
HAWTHORNE	1271	14460	70.2	48.8	14	18.7	13.7	2.7		5.1			
	1073	14461	69.4	50.0	20	27.4	14.9	2.0		6.9			
	938	14462	66.4	50.6	29	33.2	14.7	2.0		7.8			
	834	14463	66.7	54.6	48	45.8	12.1	3.1		9.3			
	677	14464	67.5	56.1	46	46.4	15.6	1.8		11.8			
	543	14465	67.7	57.0	51	49.4	13.9	1.5		11.5			
	416	14470	67.8	58.9	59	53.0	17.1	1.1		11.2			
	249	14471	68.4	59.6	59	53.1	14.7	0.8		11.4			
	82	14472	68.7	59.9	64	55.3	13.9	0.7		12.2			
	20	14473	70.0	60.2	58	54.6	12.4	0.8		11.0			
	20	14474	69.1	61.6	62	56.1	12.6	* 0.5		9.5			
	20	14475	69.3	61.5	61	55.9	12.6	0.4		14.6			
	20	14480	68.1	62.5	74	59.4	12.3	0.2		16.1			
	20	14481	68.9	61.4	62	56.1	12.6	0.2		11.8			
	20	14482	69.1	61.7	67	58.3	12.7	0.2		10.6			
	20	14483	69.3	61.6	62	56.0	12.4	0.3		9.7			
	20	14484	68.9	61.9	67	58.5	12.4	0.2		9.5			
	20	14485	68.7	62.5	73	59.0	12.5	0.2		10.2			
	20	14490	68.9	62.6	68	59.0	12.2	0.1		10.6			
	20	14491	68.4	62.7	74	59.3	12.5	0.2		9.4			
	20	14492	68.4	63.1	74	59.6	12.6	0.2		10.7			
	20	14493	68.7	63.4	74	59.6	12.6	0.2		11.4			
	20	14503	69.6	63.3	68	59.0	12.4	0.3		10.5			
	20	14504	69.7	63.4	68	59.0	12.3	0.3		11.5			
	20	14505	69.8	63.3	68	58.8	12.3	0.3		10.9			
	20	14510	70.0	63.6	73	60.9	12.3	0.3		10.8			
	20	14511	70.1	63.9	74	61.0	12.2	0.3		10.6			
	20	14512	70.3	63.8	73	60.9	12.1	0.3		10.2			
	20	14513	70.3	63.9	73	60.9	12.1	0.3		10.5			
	20	14514	70.5	63.9	73	60.8	12.0	0.3		10.1			
	20	14515	70.5	64.0	73	60.9	12.0	0.4		10.1			
	20	14520	70.5	64.0	73	60.9	12.1	0.4		9.6			
	20	14521	70.6	63.7	73	60.6	12.1	0.4		9.3			
	20	14522	70.7	63.8	68	60.6	12.1	0.4		10.0			
	20	14523	70.7	63.7	68	60.6	12.1	0.4		9.8			
	20	14524	70.7	63.7	68	60.6	12.0	0.4		9.1			
	20	14525	70.8	63.7	68	60.5	11.9	0.4		8.5			
	20	14530	66.2	63.6	90	63.0	11.7	0.4		28.3			
	20	14531	70.9	63.0	62	58.0	11.8	* 0.4		9.4			
	20	14532	68.9	63.1	69	59.3	11.6	0.5		9.9			
	20	14533	68.9	62.2	68	58.7	11.3	0.6		9.8			
	43	14534	68.8	59.8	59	53.0	10.9	0.9		5.5			
	186	14535	68.2	59.0	58	52.8	11.1	0.7		3.1			
	337	14540	67.2	58.5	59	53.2	11.8	0.7		3.7			
	408	14541	66.6	58.4	64	53.6	12.1	0.7		7.0			
	503	14542	65.6	58.1	65	54.0	12.8	0.8		8.0			
	583	14543	64.9	57.8	65	52.2	12.7	1.1		7.6			
	709	14544	65.2	57.2	63	51.5	12.4	1.3		5.0			
	750	14545	64.2	57.0	64	52.2	13.4	1.4		3.7			
	792	14550	65.9	55.5	51	47.3	14.7	* 1.4		2.0			
	875	14551	66.6	53.6	42	42.3	13.9	1.7		11.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-1/1
AIRCRAFT DATA FLIGHT NUMBER 26 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
HAWTHORNE	948	14552	68.2	50.8	25	30.8	13.7		1.8	9.0			
	1052	14553	70.0	50.2	20	26.7	13.0		2.2	5.6			
	1156	14554	70.5	49.6	18	24.6	12.9		2.2	5.5			
	1219	14555	70.5	49.4	18	24.2	15.1		1.9	5.1			
	1292	14560	70.5	49.0	14	18.5	14.8		1.9	5.3			
	1385	14561	70.3	48.8	14	18.5	14.7		1.9	5.8			
	1417	14562	70.5	48.7	14	17.7	14.9		1.8	5.7			
	1490	14563	70.3	48.7	14	18.2	12.7		2.4	5.3			
	1552	14564	70.3	48.4	13	17.5	13.4		2.0	6.2			
	1531	14565	70.7	48.3	12	16.1	15.5	*	1.5	7.4			
	1604	14570	70.7	48.3	12	16.1	12.9		2.1	5.9			
	1750	14571	70.0	48.0	13	17.2	12.3		2.5	5.6			
	1833	14572	69.8	47.8	13	17.2	13.5		2.1	5.5			
	1948	14573	69.4	47.4	13	17.2	15.7		1.7	5.5			
	2010	14574	69.1	47.4	14	18.0	15.5		1.8	5.5			
	2083	14575	69.0	47.5	14	18.5	14.9		1.6	5.9			
	2062	14580	69.4	47.4	13	17.2	15.0	*	1.8	5.1			
	2125	14581	69.3	47.6	14	18.0	14.9		1.7	5.5			
	2552	15064	69.2	48.7	16	20.9	12.6		1.9	8.5			
EL MONTE	2500	15065	69.3	48.6	15	20.4	12.6		1.8	8.6			
	2489	15070	69.4	48.4	15	19.7	12.6		1.7	8.1			
	2468	15071	69.5	48.6	15	19.9	12.6	*	1.7	8.0			
	2458	15072	69.6	48.9	15	20.4	12.7		1.7	8.2			
	2427	15073	69.8	49.0	15	20.2	12.8		1.7	7.9			
	2343	15074	70.0	49.1	18	24.6	12.9		1.6	6.9			
	2291	15075	70.3	49.2	18	24.2	14.4		1.5	6.9			
	2177	15080	69.9	49.8	19	26.1	14.5		1.2	7.2			
	2094	15081	71.1	49.7	16	23.6	17.1		1.4	7.0			
	2031	15082	70.0	51.2	25	32.1	12.9	*	1.4	7.5			
	2010	15083	70.3	52.4	26	33.4	11.2		1.5	8.9			
	1958	15084	70.5	54.6	36	42.0	17.5		1.5	10.3			
	1875	15085	71.2	52.3	23	32.0	13.4		1.4	10.4			
	1740	15090	71.4	54.7	33	41.1	12.1		1.2	10.4			
	1635	15091	71.8	55.2	33	41.2	12.0		0.9	10.7			
	1542	15092	72.4	54.4	28	36.5	12.6		0.7	11.6			
	1490	15093	72.8	54.4	26	36.0	11.8		0.9	11.9	0.3	1.3	
	1479	15094	72.1	55.1	33	40.8	11.1		0.9	12.1			
	1490	15095	71.7	56.1	35	42.3	11.3		0.9	15.6			
	1490	15100	71.6	55.6	34	41.9	12.0		0.8	15.2			
	1458	15101	71.7	55.2	33	41.3	9.3		1.4	13.2			
	1354	15102	72.3	56.2	34	41.8	12.1		0.5	13.1			
	1292	15103	72.4	56.2	34	41.7	7.8		2.4	12.2			
	1156	15104	73.3	56.4	35	43.7	8.4		1.1	11.9			
	1156	15105	73.3	56.1	31	40.6	10.0		0.4	11.8			
	1156	15110	73.0	56.1	31	40.9	10.1		0.5	13.9			
	1167	15111	72.8	55.8	31	40.8	10.2	*	0.4	14.9			
	1156	15112	72.4	56.6	38	44.8	10.3		0.6	14.0			
	1156	15113	72.6	57.5	37	45.5	10.0		0.6	12.9			
	1156	15114	72.3	57.3	39	45.6	9.8		0.5	12.6			
	1136	15115	72.4	57.5	39	45.7	9.8		0.7	12.8			
	1104	15120	72.4	57.5	39	45.7	9.0		0.8	14.5			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-172
AIRCRAFT DATA FLIGHT NUMBER 26 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
EL MONTE	1011	15121	72.7	57.4	37	45.3	9.5	0.5	13.0			
	1021	15122	72.8	57.2	36	45.0	9.3	0.2	13.6			
	1000	15123	72.9	56.8	36	44.5	9.3	0.3	13.1			
	990	15124	72.8	57.0	36	44.8	9.1	0.5	12.6	0.2	2.1	2.3
	990	15125	73.1	57.2	36	44.7	9.2	0.5	12.4			
	979	15130	73.2	57.3	36	44.7	8.7	0.5	12.0			
	948	15131	73.3	57.5	36	44.8	9.7	0.6	11.3			
	927	15132	73.5	57.4	36	44.5	9.6	0.4	11.7			
	875	15133	73.8	57.4	35	44.2	9.0	0.4	11.3			
	823	15134	74.0	57.8	35	44.4	10.9	0.6	11.5			
	802	15135	73.7	58.1	40	47.7	9.1	0.3	11.2			
	771	15140	73.7	58.3	40	47.8	8.6	0.3	12.5			
	761	15141	74.0	58.4	40	47.7	8.7	0.4	12.1			
	740	15142	74.1	58.9	41	48.0	8.5 *	0.5	12.7	1.2	3.2	3.0
	729	15143	75.3	59.0	37	47.0	8.4	0.4	12.4			
	729	15144	75.3	58.4	36	46.5	8.4	0.3	12.8			
	813	15145	74.7	58.3	37	46.9	8.6	0.4	12.5			
	917	15150	73.9	57.8	36	44.5	9.0	0.5	12.8			
	1000	15151	73.0	57.4	36	45.0	9.6	0.5	12.6			
	1021	15152	72.7	56.7	36	44.6	9.3	0.7	12.3			
	1115	15153	72.4	56.9	39	45.1	10.1	0.7	12.6			
	1146	15154	72.0	56.0	34	41.9	8.6	1.1	18.0			
	1177	15155	71.8	57.2	40	46.0	8.4	1.6	12.8			
	1240	15160	71.4	56.2	35	42.7	9.4	1.3	12.1			
	1302	15161	71.3	56.4	39	45.7	10.6	0.9	12.0			
	1396	15162	70.8	56.7	41	46.4	10.7	1.0	12.0			
	1469	15163	70.0	57.0	45	47.4	10.9	1.1	12.6			
	1500	15164	69.9	56.1	40	44.1	10.9	1.1	12.6			
	1573	15165	69.6	57.3	46	48.0	10.4 *	1.2	14.2			
	1573	15170	70.3	56.7	44	46.9	10.6	1.2	14.8			
	1573	15171	70.5	56.4	43	46.4	10.1	1.2	13.6			
	1583	15172	70.6	56.4	43	46.3	11.0	1.2	14.4			
	1635	15173	70.2	56.3	43	46.6	10.4	1.2	14.5			
	1625	15174	70.5	56.2	39	43.6	10.5	1.2	15.4			
	1615	15175	70.9	55.8	35	42.8	10.7	1.2	15.0			
	1615	15180	70.9	55.8	35	42.8	10.2	1.2	14.2			
	1594	15181	70.9	55.6	35	42.6	9.4	1.4	14.0			
	1552	15182	71.4	55.8	35	42.3	9.9	0.8	15.6			
	1510	15183	71.5	55.9	35	42.3	10.0	0.7	16.1			
SPECIAL	1500	15184	71.4	56.1	35	42.6	9.6	0.9	14.9			
	1500	15185	61.9	54.4	58	47.6	0.0	0.0	34.8			
	1500	15190	71.6	55.6	34	41.9	9.8	0.8	12.6			
	1479	15191	71.7	55.7	34	41.9	9.9	0.9	13.3			
	1500	15192	71.9	55.3	33	41.2	9.9	0.8	13.2			
	1490	15193	71.9	55.3	33	41.2	9.7	0.9	12.9			
	1490	15194	71.8	55.5	34	41.5	9.5	0.8	13.9			
	1479	15195	71.9	55.5	34	41.4	9.5	0.9	13.1			
	1469	15200	72.0	56.1	34	42.0	9.2	0.8	13.2			
	1458	15201	71.9	55.9	34	41.9	9.4	0.8	13.0			
	1469	15202	71.9	56.3	39	45.0	9.6	0.8	13.2			
	1458	15203	66.1	56.6	57	50.4	0.0	0.0	45.6			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-173
AIRCRAFT DATA FLIGHT NUMBER 26 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	1458	15204	71.9	56.6	39	45.3	9.3	0.8	13.3			
	1458	15205	72.0	56.4	39	45.0	8.8	0.8	13.1			
	1458	15210	72.1	56.3	38	44.8	8.9	0.7	13.1			
	1490	15211	71.9	56.0	34	42.0	9.1	0.7	13.2			
	1500	15212	71.8	55.7	34	41.8	9.4	0.7	12.9			
	1583	15213	71.5	55.5	34	41.9	9.1	0.7	13.2			
	1646	15214	71.0	54.6	34	41.4	9.5	0.7	12.4			
	1698	15215	70.7	55.3	35	42.5	9.8	0.8	12.9			
	1771	15220	70.2	55.0	37	42.7	9.9	0.8	12.7			
	1854	15221	69.8	55.1	38	43.2	10.0	0.8	13.4			
	1948	15222	69.4	54.9	39	43.4	9.7	0.8	13.9			
	1979	15223	69.1	54.7	39	43.5	9.7	0.9	13.9			
	2010	15224	69.4	54.2	34	39.9	9.5	0.9	13.8			
	2010	15225	69.8	52.9	31	37.9	9.5	0.8	12.8			
	2031	15230	70.1	53.1	31	37.8	9.3	0.7	11.7			
	2041	15231	70.2	53.1	31	37.7	9.3	0.8	11.4			
	2073	15232	70.0	53.4	32	38.3	9.2	0.7	11.5			
	2083	15233	69.9	53.2	31	38.2	9.1	0.7	11.5			
	2125	15234	69.8	52.6	27	34.4	9.1	0.7	11.2			
	2125	15235	69.8	52.8	31	37.8	9.0	0.7	11.7			
	2156	15240	69.4	52.7	31	38.2	9.0	0.7	12.5			
	2156	15241	69.6	52.7	31	37.9	9.0	0.8	12.3			
	2156	15242	77.8	53.1	15	26.3	0.0	0.0	27.8			
	2177	15243	84.4	53.3	6	10.5	0.0	0.0	43.6			
	2187	15244	68.1	53.3	36	40.4	9.0	0.8	51.1			
	2177	15245	69.8	53.2	32	38.3	9.2	0.8	13.8			
	2146	15250	70.0	53.1	31	37.9	8.4	1.0	14.2			
	2166	15251	69.9	53.4	32	38.4	8.6	1.0	14.8			
	2177	15252	70.0	53.2	31	38.0	8.8	1.1	14.7			
	2177	15253	70.0	53.5	32	38.4	8.6	1.0	15.3			
	2177	15254	70.1	53.3	31	38.0	8.9	0.9	14.8			
	2187	15255	70.3	53.7	32	38.3	9.1	1.1	15.2			
	2198	15260	70.2	53.7	32	38.4	9.1	1.1	16.1			
	2177	15261	70.3	53.9	32	38.5	9.2	1.0	16.4			
	2187	15262	70.3	54.2	32	38.9	9.0	1.1	16.7			
	2219	15263	70.5	54.5	36	41.9	8.8	1.1	16.7			
	2219	15264	70.9	53.3	28	37.1	9.1	1.2	16.5			
	2208	15265	70.7	53.5	29	37.6	9.1	1.2	15.2			
	2198	15270	71.4	53.2	27	36.3	8.9	1.0	14.5			
	2198	15271	71.4	53.2	27	36.3	9.2	1.1	14.1			
	2187	15272	71.7	52.3	22	31.2	8.7	1.2	11.7			
	2198	15273	72.1	51.4	21	29.1	9.2	1.0	10.1			
	2198	15274	72.1	50.7	16	23.6	8.9	1.0	7.8			
	2187	15275	71.7	52.7	26	35.2	8.6	1.1	11.3			
	2198	15280	71.4	53.2	27	36.3	8.9	1.1	12.7			
	2229	15281	71.0	52.1	23	32.0	9.1	1.2	12.3			
	2312	15282	71.2	52.8	27	36.0	9.2	1.2	12.0			
	2333	15283	70.9	51.6	23	31.3	8.9	1.1	9.6			
	2354	15284	71.2	51.5	22	30.7	8.9	1.0	10.1			
	2354	15285	70.9	51.2	22	30.7	9.1	1.1	9.1			
	2416	15290	71.3	51.4	22	30.4	9.1	1.2	11.3			

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AIRCRAFT DATA FLIGHT NUMBER 26 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN		UVOUT	OX	NO	NO2	CO
SPECIAL	2458	15291	70.2	51.6	25	32.4	9.0		1.2	10.9			
	2500	15292	71.3	51.2	21	30.1	9.4		1.2	11.9			
	2541	15293	60.8	50.0	45	39.6	0.0		0.0	33.3			
	2645	15294	70.4	49.8	19	25.2	12.4		1.3	22.6			
	2708	15295	70.2	49.4	18	24.8	12.3		1.3	7.0			
	2781	15300	69.6	49.4	19	25.9	9.0		1.5	7.1			
	2822	15301	69.4	49.2	19	25.9	8.8		1.1	6.9			
	2875	15302	69.3	49.2	19	26.1	9.0		1.2	6.9			
	2885	15303	69.3	49.2	19	26.1	8.8		1.3	6.9			
	2937	15304	69.0	49.1	20	26.5	8.9		1.4	6.5			
	2958	15305	69.0	49.0	16	22.0	8.9		1.3	6.4			
	3010	15310	68.8	48.8	17	22.0	8.8		1.3	6.0			
	3062	15311	68.5	48.7	18	22.4	8.9		1.4	6.3			
	3104	15312	68.5	48.6	17	22.2	9.1		1.3	6.1			
	3124	15313	68.4	48.5	17	22.2	9.4		1.3	5.9			
	3114	15314	68.7	48.6	17	21.8	8.8		1.3	5.3			
	3124	15315	68.4	48.6	18	22.4	9.0		1.4	5.6			
	3104	15320	68.7	48.5	17	21.5	9.1		1.3	5.5			
	3062	15321	68.6	48.6	17	22.0	9.0		1.4	5.5			
	3062	15322	69.0	48.6	16	21.1	9.1		1.4	5.5			
	3020	15323	67.9	48.7	19	23.7	9.2		1.4	5.7			
	2999	15324	69.1	48.7	16	21.1	9.2		1.4	6.0			
	2947	15325	68.7	48.9	18	22.4	9.2		1.4	6.0			
	2875	15330	63.6	50.2	35	36.4	0.0		0.0	24.8			
	2833	15331	68.2	51.2	29	34.7	8.6		1.3	8.9			
	2770	15332	68.2	51.0	29	34.4	9.0		1.3	9.5			
	2687	15333	68.9	50.8	22	29.6	9.2		1.2	9.6			
	2520	15334	69.3	51.5	26	33.6	8.7		1.1	10.0			
	2458	15335	68.7	52.7	35	39.0	8.6	*	1.1	10.8			
	2343	15340	68.8	53.5	36	39.8	7.3		1.3	12.3			
	2260	15341	68.9	53.6	34	39.8	6.5		2.5	13.1			
	2177	15342	69.1	54.1	34	40.2	7.6		1.3	13.6			
	2031	15343	70.0	54.1	33	39.1	7.6	*	0.2	15.4			
	1969	15344	70.1	54.3	33	39.2	7.3		0.8	15.7			
	1927	15345	70.3	54.4	33	39.1	7.0		0.8	14.6			
	1823	15350	70.6	54.9	37	42.2	7.3		0.4	15.2			
	1740	15351	71.0	55.0	34	41.9	7.7		0.4	16.2			
	1646	15352	71.3	55.3	34	41.9	7.0		0.4	15.0			
	1521	15353	72.4	55.8	33	41.2	6.4		0.3	15.3			
	1448	15354	72.3	56.3	38	44.6	6.2		0.3	14.8			
	1302	15355	72.8	56.7	36	44.5	6.2		0.3	14.7			
	1167	15360	73.4	57.1	35	44.3	6.0		0.0	14.9			
	1021	15361	74.2	57.6	35	44.0	5.8		0.1	13.4			
	969	15362	74.6	58.6	37	47.3	5.6		0.1	10.9			
	979	15363	74.4	60.0	43	51.2	5.8		0.0	9.3			
	990	15364	74.5	60.9	44	51.8	5.9		0.0	8.6			
	990	15365	74.2	62.3	53	55.3	5.7		0.0	7.1			
	990	15370	73.3	62.2	54	55.9	5.7		0.0	5.2			
	990	15371	73.0	62.6	55	56.3	5.6		0.1	5.1			
	990	15372	73.2	62.7	55	56.3	5.6		0.1	4.7			
	990	15373	73.2	63.2	56	56.6	5.6		0.0	4.1			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	990	15374	73.2	63.2	56	56.6	5.5	0.0	3.7			
	990	15375	73.2	63.7	61	59.1	5.6	0.0	4.0			
	990	15380	73.2	62.8	55	56.3	5.5	0.0	4.1			
	990	15381	73.2	62.3	55	56.0	5.4	0.1	4.6			
	990	15382	73.2	62.2	54	56.0	5.4	0.1	5.0			
	990	15383	73.8	61.9	53	55.3	5.3	0.2	6.4			
	979	15384	73.7	61.5	49	52.8	5.3	0.2	8.0			
	979	15385	75.3	60.9	43	51.2	5.3	0.3	19.4			
	1031	15390	74.8	58.2	36	46.8	5.4	0.3	14.3			
	1136	15391	74.2	57.9	35	44.3	5.5	0.3	14.3			
	1198	15392	73.5	57.6	36	44.7	5.7	0.2	14.1			
	1261	15393	73.3	57.4	36	44.7	5.8	0.2	13.8			
	1344	15394	72.8	57.1	36	44.9	5.8	0.3	13.5			
	1417	15395	72.4	56.8	39	45.0	6.0	0.3	12.9			
	1479	15400	72.0	56.4	39	45.0	6.0	0.3	12.8			
	1542	15401	71.7	55.9	34	42.1	6.2	0.4	12.0			
	1531	15402	72.1	55.8	34	41.5	6.2	0.3	11.8			
	1552	15403	72.1	55.7	34	41.4	6.2	0.3	12.2			
	1635	15404	71.5	55.2	34	41.5	6.2	0.4	12.5			
	1719	15405	71.2	55.1	34	41.8	6.5	0.4	12.1			
	1760	15410	70.7	55.0	35	42.2	6.6	0.5	11.9			
	1823	15411	70.4	55.0	37	42.5	6.7	0.5	11.9			
	1906	15412	70.0	54.5	37	42.4	6.7	0.5	12.1			
	1958	15413	69.8	54.1	33	39.4	6.9	0.5	12.3			
	2021	15414	69.3	53.9	33	39.7	7.0	0.6	12.4			
	2062	15415	69.3	53.6	33	39.4	7.3	0.7	11.6			
	2062	15420	69.8	53.6	32	38.8	7.5	0.7	11.7			
	2041	15421	70.0	52.6	27	34.1	7.4	0.7	10.5			
	2125	15422	70.2	51.7	25	32.5	7.6	0.8	10.0			
	2198	15423	70.1	50.2	20	26.5	7.0	1.1	8.2			
	2166	15424	69.8	50.1	20	26.9	6.7	1.4	7.6			
	2125	15425	70.2	50.6	20	27.0	8.0	0.8	7.3			
	2041	15430	69.9	51.3	25	32.4	7.9	0.8	7.9			
	1989	15431	70.1	52.6	27	34.0	7.6	0.8	8.8			
	1948	15432	70.1	53.4	31	38.2	7.1	0.8	9.2			
	1885	15433	70.8	52.2	23	32.4	6.7	0.8	8.8			
	1823	15434	70.3	52.4	26	33.4	7.5	0.5	8.1			
	1771	15435	70.6	53.0	30	37.1	7.3	0.5	8.4			
	1729	15440	70.3	52.9	30	37.3	7.3	0.5	7.6			
	1729	15441	71.5	51.6	22	30.4	7.5	0.4	8.3			
	1740	15442	72.3	50.8	16	23.4	7.5	0.4	7.2			
	1729	15443	73.7	51.0	17	25.5	7.5	0.4	6.5			
	1719	15444	71.7	50.3	16	23.6	7.4	0.4	6.5			
	1719	15445	71.4	50.4	17	24.4	7.3	0.4	5.9			
	1729	15450	72.4	49.7	15	20.8	7.4	0.4	6.0			
	1760	15451	73.5	50.9	17	25.7	7.4	0.5	6.1			
	1781	15452	73.2	51.0	17	26.5	7.4	0.6	6.1			
	1792	15453	73.0	50.9	17	26.6	7.4	0.5	6.3			
	1802	15454	73.3	51.0	17	26.3	7.4	0.5	6.1			
	1823	15455	73.0	50.9	17	26.6	7.3	0.4	6.4			
	1792	15460	73.1	51.0	17	26.6	8.2	0.7	6.7			

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LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	1802	15461	72.6	50.9	18	27.4	7.1	0.5	6.2			
	1833	15462	72.3	51.2	20	28.4	7.0	0.5	6.5			
	1844	15463	71.5	51.4	21	30.1	7.1	0.4	6.8			
	1833	15464	71.6	51.5	21	30.1	7.0	0.4	7.2			
	1833	15465	71.3	51.8	22	31.0	7.0	0.4	7.1			
	1917	15470	70.5	52.0	25	32.5	6.8	0.4	7.3			
	1958	15471	70.0	51.5	25	32.5	6.8	0.4	7.6			
	2021	15472	69.6	51.6	26	33.3	6.8	0.5	5.6			
	2094	15473	69.2	51.0	26	33.0	6.8	0.5	6.1			
	2000	15474	68.4	51.4	29	34.7	6.9	0.5	6.6			
	1989	15475	67.3	52.3	32	37.3	7.0	0.4	7.3			
	1917	15480	67.8	52.2	31	36.5	6.9	0.4	7.2			
	1906	15481	68.3	50.3	24	29.8	7.0	0.4	7.8			
	1885	15482	67.7	50.8	26	31.5	6.9	0.4	6.8			
	1864	15483	68.4	50.9	28	34.0	7.0	0.4	7.1			
	1864	15484	68.7	49.9	23	28.5	7.0	0.4	6.7			
	1854	15485	68.8	48.7	17	21.8	7.1	0.4	6.0			
	1844	15490	68.9	47.8	15	19.5	7.1	0.4	5.1			
	1823	15491	69.6	48.1	14	18.5	7.1	0.4	4.6			
	1812	15492	69.4	47.7	14	18.0	7.0	0.3	4.5			
	1802	15493	70.2	47.7	13	15.9	7.0	0.3	4.5			
	1802	15494	70.3	47.9	13	16.1	6.9	0.3	4.5			
	1792	15495	70.4	48.0	13	16.1	6.9	0.3	4.6			
	1760	15500	70.7	48.1	12	15.6	6.9	0.4	4.6			
	1760	15501	70.7	48.3	12	16.1	6.9	0.4	4.6			
	1698	15502	70.0	49.4	19	25.2	6.9	0.5	4.9			
	1635	15503	70.3	50.8	20	27.2	6.8	0.4	6.3			
	1604	15504	70.2	51.8	25	32.7	6.6	0.4	7.5			
	1635	15505	69.9	51.9	26	33.3	6.6	0.4	8.1			
	1625	15510	69.6	52.9	31	38.2	6.7	0.5	8.6			
	1625	15511	69.5	53.8	33	39.4	6.6	0.5	9.3			
	1615	15512	69.5	53.9	33	39.5	6.7	0.5	9.9			
	1552	15513	70.2	53.2	31	37.8	6.7	0.5	8.8			
	1521	15514	70.4	54.1	32	38.6	6.6	0.5	9.7			
	1490	15515	70.8	52.1	23	32.3	6.6	0.5	8.4			
	1448	15520	70.7	53.2	28	37.2	6.5	0.6	9.1			
	1406	15521	70.3	55.3	38	42.9	6.6	0.6	10.1			
	1396	15522	69.7	57.3	46	47.9	6.1	0.6	11.7			
	1385	15523	69.1	58.3	52	51.6	6.1	0.6	13.4			
	1375	15524	69.5	58.7	52	51.6	6.1	0.6	14.5			
	1354	15525	68.9	58.7	53	52.1	6.0	0.5	13.6			
	1396	15530	69.8	58.1	51	50.9	6.2	0.6	13.8			
	1417	15531	69.4	57.9	47	48.7	6.3	0.6	14.0			
	1406	15532	69.5	57.6	46	48.4	6.3	0.6	14.0			
	1406	15533	69.9	57.8	46	48.2	6.3	0.6	13.9			
	1417	15534	69.8	56.1	40	44.2	6.0	0.7	12.9			
	1417	15535	69.6	57.5	46	48.2	6.2	0.6	13.5			
	1427	15540	69.8	56.4	44	47.1	6.2	0.6	13.1			
	1438	15541	69.4	57.1	46	48.0	6.2	0.6	13.4			
	1438	15542	69.4	57.0	46	47.9	5.9	0.7	13.8			
	1479	15543	69.3	56.5	45	47.6	6.1	0.6	13.2			

SCOTT RESEARCH LABORATORIES CPA70-611421113SR043 RUN DATE 02/04/70-177
AIRCRAFT DATA FLIGHT NUMBER 26 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	1510	15544	68.8	57.3	50	48.7	6.0	0.7	14.3			
	1594	15545	68.8	55.0	42	44.1	6.3	0.7	13.7			
	1615	15550	68.4	56.5	49	48.4	6.5	0.7	14.4			
	1615	15551	68.8	55.7	43	44.8	6.3	0.6	14.2			
	1615	15552	68.9	54.6	39	43.6	6.2	0.7	12.6			
	1625	15553	69.2	54.7	39	43.4	6.4	0.7	13.0			
	1635	15554	69.3	54.6	38	43.2	6.3	0.7	12.9			
	1646	15555	69.8	53.4	32	38.5	6.4	0.7	12.3			
	1802	15560	69.6	50.3	21	27.6	6.2	0.7	10.0			
	1875	15561	69.2	48.0	14	19.2	6.2	0.8	6.7			
	1906	15562	69.7	47.7	13	17.2	6.2	0.8	5.9			
	1854	15563	70.4	48.0	13	16.1	6.4	0.7	5.7			
	1812	15564	70.2	48.8	14	18.7	6.8	0.7	5.6			
	1760	15565	70.1	49.0	15	19.5	6.7	0.6	6.3			
	1604	15570	69.4	53.5	33	39.1	6.3	0.5	8.2			
	1521	15571	69.8	52.6	27	34.4	6.2	0.5	8.4			
	1458	15572	69.6	54.3	34	39.8	6.0	0.5	8.6			
	1375	15573	70.0	55.8	39	43.7	5.8	0.5	9.8			
	1333	15574	70.7	55.2	35	42.4	5.9	0.5	9.8			
	1271	15575	71.1	54.2	29	37.9	5.6	0.6	8.9			
	1292	15580	70.4	55.3	38	42.8	5.6	0.5	10.3			
	1333	15581	70.0	55.0	38	42.9	5.8	0.5	8.1			
	1323	15582	70.2	53.9	32	38.6	5.9	0.5	7.2			
	1302	15583	70.2	53.8	32	38.5	5.7	0.5	7.1			
	1313	15584	70.0	52.9	31	37.7	5.8	0.5	6.7			
	1292	15585	70.3	53.0	31	37.4	5.7	0.4	6.4			
	1271	15590	70.2	53.8	32	38.5	5.3	0.4	6.4			
	1302	15591	69.5	54.2	34	39.8	5.4	0.4	5.9			
	1323	15592	69.3	54.1	34	39.9	5.7	0.3	5.4			
	1333	15593	69.5	52.6	28	34.8	5.4	0.4	5.1			
	1333	15594	69.1	53.0	32	38.9	5.3	0.2	5.9			
	1313	15595	69.5	54.3	34	39.9	5.4	0.2	6.5			
	1344	16000	69.6	52.0	26	33.8	5.6	0.2	6.3			
	1344	16001	69.9	51.9	26	33.3	5.5	0.2	6.8			
	1354	16002	70.0	49.7	19	25.7	5.5	0.1	6.4			
	1354	16003	70.3	48.9	14	18.7	5.6	0.1	5.8			
	1365	16004	69.3	52.3	27	34.7	5.5	0.2	5.4			
	1375	16005	69.2	54.4	34	40.4	5.4	0.2	5.3			
	1375	16010	69.1	55.0	39	43.8	5.2	0.2	5.6			
	1365	16011	69.6	55.1	39	43.4	5.3	0.2	6.0			
	1354	16012	69.8	54.1	33	39.4	5.2	0.1	6.8			
	1344	16013	69.9	54.7	37	42.7	5.0	0.2	6.8			
	1344	16014	69.9	55.1	38	43.1	5.2	0.2	7.3			
	1323	16015	70.2	54.8	37	42.5	4.9	0.1	7.6			
	1365	16020	69.6	54.7	38	43.0	4.9	0.2	8.5			
	1344	16021	69.8	54.6	37	42.7	5.0	0.2	8.5			
	1344	16022	70.1	53.8	32	38.6	5.1	0.1	7.9			
	1323	16023	70.5	54.4	32	38.9	4.8	0.1	8.0			
	1281	16024	70.9	54.6	34	41.5	4.7	0.1	8.6			
	1219	16025	71.3	55.5	34	42.1	4.4	0.0	9.7			
	1167	16030	71.4	55.9	35	42.4	4.3	0.0	10.3			

SCOTT RESEARCH LABORATORIES CPA70-6114211135R043 RUN DATE 02/04/70-17?
AIRCRAFT DATA FLIGHT NUMBER 26 DATA DATE 11/04/69

LOCATION	ALT	TIME	TMPDB	TMPWB	RH	DP	UVIN	UVOUT	OX	NO	NO2	CO
SPECIAL	1104	16031	71.7	55.8	34	42.0	4.2	0.0	9.1			
	1083	16032	72.1	55.8	34	41.5	4.0	0.0	8.9			
	1063	16033	72.3	55.9	34	41.4	4.1	0.0	10.2			
	1063	16034	72.1	56.2	34	42.0	4.4	0.0	10.5			
	1042	16035	72.3	55.8	33	41.3	4.2	0.0	10.8			
	1052	16040	71.7	57.0	40	45.9	4.1	0.0	12.8			
	1052	16041	71.7	57.2	40	46.1	4.3	0.0	12.2			
	1042	16042	71.8	57.2	40	46.0	4.4	0.0	12.7			
	990	16043	71.9	56.7	39	45.4	4.2	0.0	12.5			
	1000	16044	71.7	56.1	35	42.3	4.3	0.0	12.6			
	990	16045	71.7	56.6	39	45.5	4.3	0.0	13.8			
EL MONTE	948	16050	71.6	56.7	39	45.7	4.2	0.0	12.7			
	886	16051	72.0	57.0	39	45.6	4.0	0.1	12.2			
	813	16052	72.3	57.0	39	45.3	4.1	0.0	11.8			
	771	16053	72.5	56.9	36	45.0	4.0	0.0	12.3			
	698	16054	72.9	56.4	35	44.1	4.2	0.1	12.4			
	591	16055	73.3	57.3	36	44.6	3.8	0.1	12.3			
	551	16060	73.5	58.2	40	47.9	3.3	0.3	12.1			
	503	16061	73.8	62.1	53	55.5	3.3	0.2	13.0			
	448	16062	74.4	64.8	57	59.0	3.3	0.2	13.2			
	448	16063	74.4	70.5	78	68.0	3.3	0.1	13.1			
	448	16065	73.9	73.3	99	73.2	3.6	0.0	14.7			
	487	16070	74.0	80.2	100	82.5	4.0	0.0	15.3			
	392	16071	73.8	69.8	83	68.0	3.3	0.0	10.5			
	368	16072	73.7	66.1	68	62.3	3.1	0.0	9.2			

C_1 to C_{10} Hydrocarbons Measured in Aircraft Samples

This section contains data on the concentrations of C_1 to C_{10} hydrocarbons in air samples collected aloft and analyzed by gas chromatography at the ground sites. The data are listed in chronological order. The hydrocarbons represented by the peak numbers used in the data file are shown in the table below. A concentration of 0.00 ppb usually indicates a concentration below the limit of detection (<1 ppb), but it is also used to denote data not available.

C_1 to C_{10} Hydrocarbon Peak Number Index

Peak No.	Compound	Peak No.	Compound	Peak No.	Compound
1	Methane	40		81	
2	Ethane	41	2,2,4-Trimethylpentane	82	
3	Ethylene	42	1-Heptene + ?	83	Isopropylbenzene
4	Propane	43	n-Heptane	84	
5	Propylene	44		85	
6	Acetylene	45		86	
7	Isobutane	46	Methylcyclohexane	87	
8	Butane	47		88	
9	Butenes	48		89	n-Propylbenzene
10	Isopentane	49	2,4-Dimethylhexane	90	4-Ethyltoluene
11	1-Pentene +	50	2,5-Dimethylhexane	91	3-Ethyltoluene
	2-Methyl-1 Butene	51		92	
12	n-Pentane	52		93	1,3,5-Trimethylbenzene
13	trans-2-Pentene	53		94	2-Ethyltoluene
14	cis-2-Pentene	54	2,3,4-Trimethylpentane	95	
15	2-Methyl-2-butene	55	Toluene	96	tert-Butylbenzene
16	2,2-Dimethylbutane	56		97	1,2,4-Trimethylbenzene
17		57		98	
18		58		99	n-Decane
19	Cyclopentene	59		100	sec-Butylbenzene
20	Cyclopentane	60		101	Isobutylbenzene
21	2,3-Dimethylbutane	61		102	
22	2-Methylpentane	62	n-Octane	103	
23	3-Methylpentane	63		104	
24	1-Hexene	64		105	
25	n-Hexane	65		106	
26	trans-3-Hexene	66		107	
27	trans-2-Hexene	67		108	n-Butylbenzene
28	cis-3-Hexene	68		109	
29	cis-2-Hexene	69		110	
30	Methylcyclopentane	70	Ethylbenzene	111	
31	2,4-Dimethylpentane	71		112	
32		72		113	
33		73	m + p-Xylene	114	n-Undecane
34		74		115	
35	Benzene + Cyclohexane	75		116	
36	2-Methylhexane +	76		117	
	2,3-Dimethylpentane	77	o-Xylene	118	
37	3-Methylhexane	78		119	
38		79		120	
39		80	n-Nonane		

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SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 1
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1700 FT DATE 09/10/69 TIME 1212 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1852.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	19.12	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	5.36	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	8.84	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.60	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	8.22	26	0.00	46	0.00	66	0.00	86	4.90	106	0.00
7	3.09	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	7.52	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	8.22	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	10.65	93	0.00	113	0.90
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	8.31	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.14	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	2.78	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1942.65

EL MONTE ALTITUDE 1100 FT DATE 09/10/69 TIME 1215 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2801.00	21	1.49	41	0.00	61	0.00	81	0.00	101	0.00
2	78.07	22	4.11	42	0.00	62	1.39	82	0.00	102	0.88
3	14.29	23	3.68	43	1.84	63	0.00	83	0.00	103	0.32
4	52.01	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.20	25	5.04	45	0.00	65	0.00	85	0.45	105	0.00
6	34.54	26	0.00	46	3.76	66	0.00	86	0.58	106	0.00
7	14.42	27	0.00	47	0.00	67	0.00	87	0.00	107	0.09
8	42.38	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.24	109	0.00
10	21.76	30	4.02	50	0.00	70	9.41	90	2.80	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.14
12	12.90	32	18.10	52	0.00	72	0.00	92	0.00	112	0.19
13	0.00	33	10.25	53	0.00	73	22.83	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	1.40
15	6.34	35	11.06	55	24.67	75	0.00	95	0.21	115	0.00
16	0.00	36	10.26	56	0.00	76	4.36	96	0.00	116	0.00
17	0.00	37	0.07	57	5.32	77	14.52	97	2.23	117	0.00
18	0.00	38	0.00	58	0.00	78	3.62	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	2.12	119	0.00
20	0.00	40	0.78	60	0.00	80	7.58	100	0.00	120	0.00

TOTAL CONCENTRATION 3262.71

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 2
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1600 FT DATE 09/11/69 TIME 1305 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2318.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	47.16	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	13.93	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	25.49	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.60	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	26.87	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	10.10	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	25.05	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2469.20

EL MONTE ALTITUDE 1100 FT DATE 09/11/69 TIME 1307 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2892.00	21	1.31	41	0.85	61	0.00	81	0.00	101	1.18
2	89.23	22	4.55	42	0.00	62	0.00	82	0.00	102	0.00
3	28.57	23	3.52	43	2.30	63	0.00	83	0.00	103	0.45
4	51.49	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.82	25	5.37	45	0.00	65	0.00	85	0.00	105	0.00
6	35.64	26	0.00	46	5.28	66	0.00	86	0.00	106	0.18
7	18.34	27	0.00	47	0.00	67	4.15	87	0.00	107	0.27
8	41.76	28	0.00	48	0.00	68	1.90	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	22.02	30	4.83	50	0.00	70	15.64	90	3.25	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	13.60	32	0.00	52	0.12	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.38	73	18.02	93	0.00	113	0.00
14	0.00	34	0.00	54	0.43	74	0.00	94	0.00	114	0.81
15	0.00	35	0.00	55	26.58	75	0.00	95	0.33	115	1.10
16	0.00	36	11.48	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.47	57	0.00	77	9.77	97	2.49	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.52	99	1.65	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3323.64

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 3
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 700 FT DATE 09/11/69 TIME 1309 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1506.00	21	1.20	41	0.88	61	0.00	81	1.09	101	0.00
2	50.99	22	4.23	42	0.00	62	1.44	82	0.00	102	0.00
3	30.36	23	2.21	43	1.75	63	0.00	83	0.00	103	0.00
4	46.29	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.20	25	5.05	45	0.00	65	0.00	85	0.00	105	0.00
6	27.42	26	0.00	46	4.54	66	0.00	86	0.00	106	0.00
7	12.36	27	0.00	47	0.00	67	0.00	87	0.21	107	0.19
8	36.54	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.19	109	0.00
10	0.00	30	0.00	50	0.00	70	6.28	90	3.16	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	12.76	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	15.70	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.92
15	0.00	35	0.00	55	22.92	75	0.00	95	0.25	115	1.83
16	0.00	36	2.17	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.18	57	5.72	77	15.24	97	2.18	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	2.27	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1830.71

EL MONTE ALTITUDE 2450 FT DATE 09/26/69 TIME 1516 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2366.00	21	2.03	41	0.86	61	0.00	81	0.00	101	0.00
2	50.99	22	8.25	42	0.00	62	2.84	82	0.00	102	0.00
3	21.43	23	1.47	43	1.67	63	4.28	83	1.21	103	0.00
4	30.17	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	5.21	45	0.00	65	0.00	85	0.00	105	0.00
6	27.42	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	15.66	27	0.00	47	2.05	67	0.00	87	0.00	107	0.00
8	31.32	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	14.65	30	1.90	50	0.00	70	5.64	90	0.00	110	0.30
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	5.59	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	14.29	93	0.00	113	0.00
14	0.00	34	4.31	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	30.15	75	0.00	95	0.00	115	2.50
16	0.00	36	1.25	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.68	57	0.00	77	3.73	97	0.74	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.45	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2659.04

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 4
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 700 FT DATE 09/27/69 TIME 1410 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2500.00	21	0.81	41	0.00	61	0.00	81	0.00	101	0.17
2	60.30	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	15.13	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	41.26	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.76	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	36.24	26	0.00	46	0.00	66	1.00	86	0.00	106	0.00
7	14.34	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	38.52	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	1.85
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.50	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2710.88

COMMERCE ALTITUDE 700 FT DATE 09/29/69 TIME 0812 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3294.00	21	0.88	41	0.00	61	0.00	81	0.49	101	0.46
2	80.45	22	5.35	42	0.00	62	1.70	82	0.00	102	0.00
3	34.00	23	3.58	43	2.36	63	0.00	83	0.00	103	0.00
4	36.98	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	6.20	25	8.17	45	0.00	65	0.00	85	0.00	105	0.00
6	43.24	26	0.00	46	3.64	66	0.00	86	0.00	106	0.13
7	11.99	27	0.00	47	0.00	67	0.81	87	0.00	107	0.00
8	37.40	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.50	109	0.00
10	21.62	30	11.34	50	0.63	70	2.81	90	4.01	110	0.00
11	0.00	31	8.06	51	0.00	71	0.00	91	0.00	111	0.00
12	9.31	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.89	73	12.60	93	0.19	113	0.00
14	0.00	34	0.00	54	0.80	74	0.00	94	0.00	114	0.19
15	0.00	35	9.83	55	20.74	75	0.00	95	0.43	115	0.00
16	0.00	36	3.18	56	3.10	76	0.00	96	0.00	116	0.00
17	0.00	37	1.88	57	2.24	77	4.46	97	5.33	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	1.25	118	0.00
19	0.00	39	0.00	59	2.75	79	0.00	99	0.00	119	0.00
20	0.49	40	1.46	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3701.91

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 5
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 09/29/69 TIME 0813 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3824.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	76.48	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	56.43	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	36.41	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	19.77	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	43.86	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	14.42	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	50.53	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4121.90

EL MONTE ALTITUDE 1500 FT DATE 09/29/69 TIME 0921 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1627.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.22
2	7.78	22	0.00	42	0.00	62	3.24	82	0.00	102	0.00
3	1.70	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	4.27	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.60	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	4.83	26	0.00	46	0.00	66	0.33	86	0.00	106	0.00
7	1.43	27	0.00	47	0.00	67	0.41	87	0.00	107	0.00
8	4.99	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.62	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	2.39	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.74	73	3.34	93	0.16	113	0.00
14	0.00	34	0.00	54	1.41	74	0.00	94	0.00	114	0.16
15	0.00	35	0.74	55	6.95	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.17	97	3.31	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1677.79

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69 6
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1100 FT DATE 09/29/69 TIME 0923 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1588.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.11
2	12.85	22	0.00	42	0.00	62	3.38	82	0.00	102	0.00
3	3.06	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	6.04	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	6.28	26	0.00	46	0.00	66	0.32	86	0.00	106	0.00
7	2.61	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	9.10	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	5.09	30	0.00	50	0.00	70	0.47	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.66	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.67	73	2.65	93	0.00	113	0.00
14	0.00	34	0.00	54	1.30	74	0.00	94	0.00	114	0.15
15	0.00	35	0.00	55	7.00	75	0.00	95	0.00	115	0.00
16	0.00	36	15.79	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.79	97	2.54	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	1.47	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.21	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1671.54

EL MONTE ALTITUDE 700 FT DATE 09/29/69 TIME 0926 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3254.00	21	1.08	41	1.87	61	1.97	81	0.26	101	0.30
2	61.41	22	6.83	42	0.00	62	1.58	82	0.00	102	0.00
3	36.04	23	4.74	43	2.14	63	0.00	83	0.00	103	0.00
4	29.32	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	4.53	25	14.45	45	0.00	65	0.78	85	0.00	105	0.00
6	47.35	26	0.00	46	2.69	66	0.00	86	0.00	106	0.00
7	14.08	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	42.14	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.87	109	0.00
10	31.81	30	8.97	50	1.06	70	2.77	90	3.76	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	14.36	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.13	73	10.47	93	0.00	113	0.00
14	0.00	34	0.00	54	1.12	74	0.00	94	0.00	114	0.13
15	0.00	35	10.12	55	23.55	75	0.00	95	0.28	115	1.31
16	0.00	36	3.93	56	3.40	76	0.00	96	0.00	116	0.00
17	0.00	37	2.19	57	2.81	77	3.75	97	3.95	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.48	118	0.00
19	0.00	39	0.00	59	3.70	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3663.47

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 7
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 09/29/69 TIME 1211 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1707.00	21	0.00	41	0.00	61	0.00	81	0.14	101	0.10
2	25.39	22	1.51	42	0.00	62	0.26	82	0.11	102	0.00
3	6.97	23	0.85	43	0.64	63	0.00	83	0.00	103	0.00
4	14.73	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.51	25	1.71	45	0.00	65	0.00	85	0.00	105	0.00
6	13.29	26	0.00	46	1.30	66	0.00	86	0.00	106	0.00
7	4.82	27	0.00	47	0.00	67	0.62	87	0.00	107	0.00
8	17.58	28	0.00	48	0.00	68	0.31	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	10.91	30	7.13	50	0.00	70	1.44	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.80	111	0.00
12	3.57	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.47	73	4.27	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.09
15	0.00	35	1.77	55	10.65	75	0.00	95	0.00	115	0.00
16	0.00	36	1.13	56	0.00	76	0.13	96	0.00	116	0.00
17	0.00	37	0.53	57	0.00	77	1.61	97	2.69	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.73	118	0.00
19	0.00	39	0.00	59	0.42	79	0.00	99	0.00	119	0.00
20	0.00	40	0.31	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1848.58

COMMERCE ALTITUDE 1000 FT DATE 09/29/69 TIME 1212 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1984.00	21	0.69	41	0.00	61	0.00	81	0.36	101	0.22
2	28.24	22	3.64	42	0.00	62	5.93	82	0.00	102	0.00
3	10.88	23	3.59	43	1.28	63	0.00	83	0.00	103	0.00
4	20.04	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.45	25	2.35	45	0.00	65	0.00	85	0.00	105	0.00
6	20.53	26	0.00	46	3.51	66	0.00	86	0.00	106	0.00
7	9.12	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	30.92	28	0.00	48	0.00	68	0.00	88	0.13	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.25	109	0.00
10	0.00	30	9.36	50	0.00	70	2.16	90	1.43	110	0.00
11	0.00	31	0.00	51	1.17	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	13.74	93	0.00	113	0.00
14	0.00	34	0.00	54	1.51	74	0.00	94	0.00	114	0.14
15	0.00	35	6.94	55	21.15	75	0.00	95	0.17	115	0.76
16	0.00	36	1.75	56	5.16	76	0.00	96	0.00	116	0.00
17	0.00	37	0.96	57	0.00	77	2.81	97	2.60	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.35	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.40	40	1.49	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2200.17

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 8
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1100 FT DATE 09/29/69 TIME 1213 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2223.00	21	0.55	41	0.00	61	1.18	81	0.43	101	0.17
2	32.21	22	2.29	42	0.00	62	0.00	82	0.00	102	0.00
3	13.43	23	1.90	43	2.72	63	0.00	83	0.00	103	0.00
4	23.72	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.02	25	0.75	45	0.00	65	0.00	85	0.00	105	0.00
6	21.50	26	0.00	46	7.29	66	0.00	86	0.00	106	0.00
7	6.65	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	23.56	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	13.17	30	7.11	50	0.00	70	2.59	90	0.00	110	0.00
11	0.00	31	0.00	51	0.13	71	0.00	91	2.29	111	0.00
12	6.27	32	0.00	52	0.32	72	0.00	92	0.00	112	0.00
13	0.00	33	0.99	53	1.05	73	7.55	93	0.00	113	0.00
14	0.00	34	0.00	54	1.57	74	0.00	94	0.00	114	0.00
15	0.00	35	2.62	55	18.94	75	0.00	95	0.11	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.82	57	0.00	77	2.93	97	2.72	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.81	118	0.00
19	0.00	39	0.00	59	2.42	79	0.00	99	0.00	119	0.00
20	0.22	40	1.37	60	0.00	80	0.31	100	0.00	120	0.00

TOTAL CONCENTRATION 2440.67

COMMERCE ALTITUDE 1500 FT DATE 09/29/69 TIME 1214 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1627.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	5.87	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	3.23	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	1.77	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.21	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	7.25	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1646.33

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 9
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1000 FT DATE 09/29/69 TIME 1300 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1945.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	22.21	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	6.80	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	10.46	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	12.08	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.39	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	12.47	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2012.41

EL MONTE ALTITUDE 1500 FT DATE 09/29/69 TIME 1319 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1945.00	21	0.00	41	0.00	61	0.00	81	0.15	101	0.14
2	22.37	22	2.00	42	0.00	62	1.09	82	0.00	102	0.00
3	8.67	23	1.41	43	0.75	63	1.81	83	0.00	103	0.00
4	14.73	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.51	25	1.35	45	0.00	65	20.59	85	0.00	105	0.00
6	16.91	26	0.00	46	1.37	66	0.00	86	0.00	106	0.00
7	6.65	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	22.32	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	11.49	30	0.00	50	0.00	70	1.29	90	1.24	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	4.92	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.90	73	5.89	93	0.14	113	0.00
14	0.00	34	0.00	54	2.00	74	0.00	94	0.00	114	0.00
15	0.00	35	3.47	55	12.08	75	0.00	95	0.00	115	1.14
16	0.00	36	1.05	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.34	97	2.47	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.71	118	0.00
19	0.00	39	0.00	59	2.43	79	0.00	99	0.00	119	0.00
20	0.00	40	0.50	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2122.87

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 10
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1100 FT DATE 09/29/69 TIME 1320 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2183.00	21	1.54	41	0.00	61	0.00	81	0.33	101	0.21
2	28.56	22	13.28	42	0.00	62	0.20	82	0.00	102	0.72
3	10.20	23	1.72	43	2.04	63	0.00	83	0.00	103	0.00
4	19.15	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.30	25	4.52	45	0.00	65	0.00	85	0.00	105	0.00
6	21.74	26	0.00	46	2.74	66	0.00	86	0.00	106	0.00
7	7.82	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	27.68	28	0.00	48	0.00	68	0.00	88	0.48	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	16.43	30	0.00	50	0.00	70	5.13	90	2.37	110	0.00
11	0.00	31	0.00	51	1.35	71	0.00	91	0.00	111	0.00
12	5.56	32	0.00	52	0.00	72	0.00	92	0.23	112	0.00
13	0.00	33	0.00	53	9.45	73	14.08	93	0.00	113	0.00
14	0.00	34	0.00	54	8.07	74	0.00	94	0.00	114	0.00
15	0.61	35	5.22	55	63.57	75	0.00	95	0.34	115	0.00
16	0.00	36	1.27	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.46	57	0.00	77	5.83	97	6.63	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.37	40	1.74	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2474.93

COMMERCE ALTITUDE 700 FT DATE 09/30/69 TIME 0750 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	4445.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	109.33	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	54.40	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	78.09	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	14.81	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	76.82	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	24.50	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	64.58	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4867.53

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 11
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1000 FT DATE 09/30/69 TIME 0751 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2024.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	20.95	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	11.05	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	12.52	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.12	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	13.53	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.52	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	12.84	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2100.53

COMMERCE ALTITUDE 1500 FT DATE 09/30/69 TIME 0752 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1786.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	6.82	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	3.74	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	5.30	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.76	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	4.83	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	1.43	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	5.61	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1814.48

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 12
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 09/30/69 TIME 0839 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3810.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	110.44	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	56.44	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	69.40	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	12.09	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	64.99	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	26.33	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	69.07	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4218.76

EL MONTE ALTITUDE 1500 FT DATE 09/30/69 TIME 0847 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1667.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	9.68	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	3.57	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	6.34	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.06	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	5.07	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	2.48	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	8.23	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1703.43

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 13
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 700 FT DATE 09/30/69 TIME 0850 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3532.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	66.33	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	52.53	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	36.83	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	10.28	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	65.71	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	16.03	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	50.49	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3830.20

COMMERCE ALTITUDE 700 FT DATE 09/30/69 TIME 1221 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2540.00	21	1.37	41	0.00	61	1.53	81	0.55	101	0.31
2	68.39	22	4.40	42	0.00	62	1.72	82	0.00	102	0.00
3	40.12	23	3.34	43	1.99	63	0.00	83	0.80	103	0.00
4	67.92	24	0.00	44	0.00	64	0.42	84	0.00	104	0.00
5	5.74	25	10.75	45	0.00	65	0.00	85	0.11	105	0.00
6	33.82	26	0.00	46	4.75	66	0.00	86	0.51	106	0.00
7	31.41	27	0.00	47	0.00	67	0.00	87	0.71	107	0.00
8	61.34	28	0.00	48	0.13	68	0.33	88	0.22	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.44	109	0.00
10	30.79	30	6.40	50	1.08	70	2.56	90	2.88	110	0.00
11	0.00	31	0.00	51	0.19	71	0.00	91	0.00	111	0.00
12	14.48	32	0.00	52	0.00	72	0.00	92	0.27	112	0.00
13	0.00	33	0.00	53	2.18	73	8.24	93	0.00	113	0.00
14	0.00	34	0.00	54	2.63	74	0.00	94	0.00	114	0.13
15	0.00	35	7.13	55	19.39	75	0.00	95	0.17	115	3.43
16	0.50	36	2.56	56	6.12	76	0.00	96	0.10	116	0.00
17	0.00	37	1.44	57	3.18	77	3.80	97	2.72	117	0.00
18	0.00	38	0.18	58	0.00	78	0.00	98	2.96	118	0.00
19	0.00	39	0.00	59	4.25	79	0.11	99	0.00	119	0.00
20	1.04	40	1.69	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3015.71

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 1
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1000 FT DATE 09/30/69 TIME 1222 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3096.00	21	0.00	41	0.00	61	0.00	81	0.69	101	0.22
2	99.81	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	42.50	23	0.00	43	4.30	63	0.00	83	1.27	103	0.00
4	85.46	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.27	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	16.43	26	0.00	46	8.95	66	0.00	86	0.00	106	0.00
7	39.10	27	0.00	47	0.00	67	0.00	87	0.17	107	0.00
8	76.55	28	0.00	48	0.44	68	0.00	88	0.17	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.52	109	0.00
10	0.00	30	0.00	50	1.56	70	2.91	90	1.76	110	0.00
11	0.00	31	0.00	51	0.48	71	0.00	91	0.00	111	0.00
12	0.00	32	0.25	52	0.69	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.60	73	9.05	93	0.00	113	0.00
14	0.00	34	0.00	54	2.13	74	0.00	94	0.00	114	0.10
15	0.00	35	12.22	55	24.34	75	0.00	95	0.20	115	1.78
16	0.00	36	4.39	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	2.57	57	0.00	77	4.04	97	2.44	117	0.00
18	0.00	38	1.01	58	0.00	78	0.00	98	1.49	118	0.00
19	0.00	39	0.68	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	3.53	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3554.06

COMMERCE ALTITUDE 1500 FT DATE 09/30/69 TIME 1224 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2183.00	21	0.96	41	0.00	61	0.00	81	0.52	101	0.25
2	53.31	22	4.33	42	0.00	62	3.20	82	0.00	102	0.00
3	34.51	23	3.09	43	1.77	63	0.00	83	0.00	103	0.00
4	53.78	24	0.00	44	0.00	64	0.88	84	0.00	104	0.00
5	3.17	25	3.51	45	0.00	65	0.00	85	0.13	105	0.00
6	58.46	26	0.00	46	0.00	66	0.00	86	0.28	106	0.00
7	24.50	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	52.86	28	0.00	48	0.00	68	0.32	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.23	109	0.00
10	20.59	30	15.80	50	0.73	70	2.54	90	1.53	110	0.00
11	2.27	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	13.35	32	0.20	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.56	73	7.95	93	0.00	113	0.00
14	0.00	34	0.00	54	1.21	74	0.00	94	0.00	114	0.00
15	0.00	35	6.66	55	17.93	75	0.00	95	0.16	115	0.00
16	0.00	36	2.74	56	3.88	76	0.00	96	0.00	116	0.00
17	0.00	37	1.33	57	3.38	77	3.23	97	2.54	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.51	118	0.00
19	0.00	39	0.00	59	0.48	79	0.00	99	0.00	119	0.00
20	0.62	40	1.95	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2596.19

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 15
CONCENTRATION OF C1 TO C10 HYDROCARBONS

SPECIAL ALTITUDE 3500 FT DATE 09/30/69 TIME 1305 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3215.00	21	1.18	41	0.00	61	1.35	81	0.41	101	0.23
2	74.42	22	5.21	42	0.00	62	1.57	82	0.00	102	0.00
3	23.46	23	3.17	43	2.15	63	0.00	83	0.30	103	0.00
4	48.03	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.51	25	8.00	45	0.00	65	0.00	85	0.00	105	0.00
6	49.28	26	0.00	46	4.14	66	0.49	86	0.28	106	0.00
7	18.90	27	0.00	47	0.00	67	0.00	87	0.18	107	0.00
8	53.36	28	0.00	48	0.00	68	0.20	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.72	109	0.00
10	0.00	30	27.33	50	0.82	70	3.84	90	1.62	110	0.00
11	0.00	31	7.46	51	0.00	71	0.00	91	0.00	111	0.00
12	11.82	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.80	73	8.15	93	0.00	113	0.00
14	0.00	34	0.00	54	2.26	74	0.00	94	0.00	114	0.00
15	0.00	35	5.24	55	23.56	75	0.00	95	0.30	115	0.00
16	0.00	36	3.08	56	5.19	76	0.00	96	0.00	116	0.00
17	0.00	37	1.72	57	3.05	77	2.99	97	2.63	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.36	118	0.00
19	0.00	39	0.00	59	5.20	79	0.00	99	0.00	119	0.00
20	0.66	40	2.36	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3634.97

EL MONTE ALTITUDE 2500 FT DATE 09/30/69 TIME 1328 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2897.00	21	1.44	41	0.00	61	0.00	81	0.35	101	0.17
2	76.16	22	5.41	42	0.00	62	1.86	82	0.00	102	0.00
3	20.57	23	3.39	43	2.20	63	0.00	83	0.37	103	0.00
4	53.04	24	0.00	44	0.00	64	0.14	84	0.00	104	0.00
5	0.45	25	12.81	45	0.00	65	0.00	85	0.00	105	0.00
6	40.35	26	0.00	46	4.24	66	0.00	86	0.27	106	0.00
7	19.81	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	49.74	28	0.00	48	0.00	68	0.12	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.20	109	0.00
10	25.50	30	8.42	50	0.57	70	2.50	90	1.26	110	0.00
11	0.00	31	0.00	51	0.20	71	0.00	91	0.00	111	0.00
12	11.65	32	2.38	52	0.22	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.39	73	6.35	93	0.00	113	0.00
14	0.00	34	0.00	54	1.38	74	0.00	94	0.00	114	0.00
15	0.00	35	7.26	55	19.16	75	0.00	95	0.10	115	1.09
16	0.17	36	2.88	56	3.75	76	0.00	96	0.00	116	0.00
17	0.00	37	1.58	57	2.76	77	2.93	97	1.99	117	0.00
18	0.00	38	0.19	58	0.00	78	0.00	98	0.38	118	0.00
19	0.00	39	0.00	59	4.46	79	0.00	99	0.00	119	0.00
20	1.00	40	1.48	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3303.08

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 16
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1500 FT DATE 09/30/69 TIME 1330 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3096.00	21	0.37	41	0.00	61	0.97	81	0.46	101	0.24
2	96.95	22	5.58	42	0.00	62	12.05	82	0.00	102	0.00
3	26.01	23	3.89	43	2.76	63	0.00	83	0.00	103	0.00
4	75.88	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.76	25	5.62	45	0.00	65	0.00	85	0.00	105	0.00
6	43.00	26	0.00	46	6.31	66	2.54	86	0.32	106	0.00
7	27.37	27	0.00	47	0.00	67	0.67	87	0.50	107	0.00
8	63.08	28	0.00	48	0.18	68	0.11	88	0.24	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	27.88	30	14.41	50	1.07	70	2.82	90	1.71	110	0.00
11	0.00	31	6.52	51	0.43	71	0.00	91	0.00	111	0.00
12	12.89	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	2.12	73	8.46	93	0.00	113	0.00
14	0.00	34	0.00	54	2.25	74	0.00	94	0.00	114	0.13
15	1.08	35	9.84	55	23.88	75	0.00	95	0.24	115	1.88
16	0.53	36	3.35	56	7.67	76	0.00	96	0.00	116	0.00
17	0.00	37	1.87	57	7.89	77	3.93	97	2.83	117	0.00
18	0.00	38	0.39	58	0.00	78	0.00	98	0.36	118	0.00
19	0.00	39	0.00	59	7.88	79	0.00	99	0.00	119	0.00
20	0.96	40	1.99	60	2.71	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3631.82

EL MONTE ALTITUDE 750 FT DATE 09/30/69 TIME 1334 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3453.00	21	0.23	41	0.00	61	1.48	81	0.61	101	0.25
2	117.26	22	6.33	42	0.00	62	0.88	82	0.00	102	0.00
3	30.43	23	5.11	43	3.00	63	0.00	83	0.00	103	0.00
4	94.74	24	0.19	44	0.00	64	0.00	84	0.00	104	0.00
5	1.06	25	6.35	45	0.00	65	0.00	85	0.00	105	0.00
6	43.49	26	0.00	46	6.65	66	0.00	86	0.25	106	0.00
7	33.76	27	0.00	47	0.59	67	0.62	87	0.00	107	0.00
8	73.56	28	0.00	48	0.24	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.63	109	0.00
10	29.54	30	14.53	50	1.18	70	3.43	90	1.68	110	0.00
11	0.00	31	7.08	51	0.63	71	0.00	91	0.00	111	0.00
12	14.82	32	0.00	52	0.47	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.27	73	8.80	93	0.00	113	0.00
14	0.00	34	0.00	54	1.35	74	0.00	94	0.00	114	0.13
15	0.58	35	10.04	55	22.66	75	0.00	95	0.21	115	2.65
16	0.00	36	3.62	56	7.00	76	0.00	96	0.00	116	0.00
17	0.00	37	2.15	57	6.91	77	3.87	97	2.72	117	0.00
18	0.00	38	0.69	58	0.00	78	0.00	98	0.77	118	0.00
19	0.00	39	0.20	59	5.43	79	0.00	99	0.00	119	0.00
20	1.28	40	2.15	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4038.54

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 17
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 10/01/69 TIME 0729 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	4195.00	21	0.91	41	0.00	61	0.00	81	0.00	101	1.71
2	121.10	22	5.12	42	0.00	62	5.91	82	0.00	102	0.00
3	70.71	23	7.57	43	17.63	63	1.17	83	0.69	103	0.19
4	62.94	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	20.29	25	30.81	45	0.00	65	0.00	85	0.36	105	2.84
6	54.83	26	0.00	46	26.09	66	0.50	86	1.65	106	0.00
7	18.13	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	54.70	28	0.00	48	0.00	68	0.48	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.70	109	0.00
10	22.62	30	14.65	50	6.84	70	9.48	90	4.28	110	0.00
11	0.00	31	0.00	51	5.65	71	0.00	91	5.32	111	0.00
12	9.55	32	0.00	52	3.69	72	1.08	92	0.00	112	0.46
13	0.00	33	0.00	53	0.00	73	36.42	93	3.01	113	0.00
14	0.00	34	11.21	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	95.24	75	0.00	95	0.31	115	1.47
16	0.00	36	0.47	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.67	57	19.18	77	9.00	97	6.51	117	0.00
18	0.00	38	1.48	58	0.00	78	0.00	98	2.36	118	0.00
19	0.00	39	1.45	59	9.32	79	6.13	99	0.00	119	0.00
20	0.00	40	6.56	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4997.43

COMMERCE ALTITUDE 1000 FT DATE 10/01/69 TIME 0730 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1769.00	21	0.00	41	0.00	61	0.24	81	0.00	101	0.00
2	17.85	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	7.14	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	11.44	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.60	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	7.68	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	7.01	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	8.35	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	1.25	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	3.26	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	5.60	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.53	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1841.95

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 18
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1500 FT DATE 10/01/69 TIME 0731 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1673.00	21	0.00	41	0.00	61	0.98	81	0.00	101	0.00
2	14.02	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	10.71	23	0.00	43	0.00	63	0.00	83	2.11	103	0.00
4	9.36	24	0.00	44	0.00	64	0.00	84	0.36	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	3.34	28	24.19	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	1.23	30	0.00	50	0.00	70	1.79	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	6.59	93	0.00	113	0.00
14	0.00	34	0.37	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	9.59	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.87	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1759.51

COMMERCE ALTITUDE 700 FT DATE 10/01/69 TIME 0822 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3566.00	21	1.63	41	0.00	61	0.00	81	0.00	101	1.75
2	106.44	22	10.00	42	0.00	62	0.86	82	2.27	102	0.00
3	67.86	23	6.72	43	36.93	63	4.84	83	1.72	103	0.24
4	54.61	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	15.60	25	13.28	45	0.00	65	0.00	85	1.13	105	1.54
6	54.83	26	0.00	46	63.20	66	0.81	86	0.00	106	0.00
7	20.19	27	26.21	47	0.00	67	0.00	87	3.54	107	0.00
8	58.46	28	0.00	48	0.00	68	0.94	88	0.00	108	0.00
9	0.00	29	0.00	49	19.47	69	0.00	89	1.32	109	0.00
10	27.95	30	13.32	50	0.00	70	52.62	90	3.80	110	0.11
11	0.00	31	0.00	51	13.69	71	0.00	91	5.56	111	0.00
12	11.10	32	0.00	52	16.95	72	1.99	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	33.49	93	3.01	113	0.00
14	0.00	34	0.00	54	0.55	74	0.00	94	0.00	114	0.00
15	0.00	35	10.75	55	0.00	75	0.00	95	0.92	115	1.56
16	0.00	36	12.02	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	9.04	57	0.00	77	9.36	97	5.30	117	0.00
18	0.00	38	6.89	58	0.00	78	0.00	98	2.16	118	0.00
19	0.00	39	7.80	59	0.00	79	3.98	99	0.00	119	0.00
20	0.00	40	30.91	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4427.21

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 1
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1500 FT DATE 10/01/69 TIME 0839 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1805.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	22.31	22	0.00	42	0.00	62	1.43	82	0.00	102	0.00
3	9.29	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	32.90	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	12.36	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	15.87	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.82	49	0.00	69	0.00	89	0.00	109	0.00
10	4.31	30	0.00	50	0.00	70	1.58	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.83	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	2.71	93	0.00	113	0.00
14	0.00	34	1.28	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	8.06	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	2.37	98	0.00	118	0.00
19	0.00	39	0.00	59	3.87	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1925.98

EL MONTE ALTITUDE 1100 FT DATE 10/01/69 TIME 0840 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1626.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	6.37	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	4.18	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	4.18	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	1.52	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	4.84	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1647.07

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 20
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 700 FT DATE 10/00/69 TIME 0842 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3511.00	21	1.27	41	0.00	61	0.00	81	0.00	101	0.80
2	70.11	22	4.45	42	0.00	62	0.00	82	0.00	102	0.00
3	57.14	23	3.03	43	2.44	63	0.31	83	1.80	103	0.00
4	31.21	24	0.00	44	0.00	64	0.00	84	1.56	104	0.00
5	15.60	25	6.69	45	0.00	65	0.00	85	0.00	105	0.25
6	21.93	26	0.00	46	4.23	66	0.00	86	0.00	106	0.60
7	8.24	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	25.05	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	5.43	49	1.90	69	0.00	89	2.23	109	0.00
10	18.67	30	23.55	50	0.00	70	7.15	90	3.10	110	0.15
11	0.00	31	0.00	51	0.00	71	0.00	91	3.42	111	0.00
12	7.77	32	0.00	52	0.00	72	1.45	92	0.00	112	0.00
13	0.00	33	0.00	53	1.40	73	28.42	93	2.19	113	0.00
14	0.00	34	7.25	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	32.07	75	0.00	95	2.20	115	1.17
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	2.74	57	0.00	77	7.79	97	4.55	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	3.44	99	0.00	119	0.00
20	0.00	40	1.70	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3937.44

COMMERCE ALTITUDE 700 FT DATE 10/01/69 TIME 1211 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1945.00	21	0.38	41	0.00	61	0.00	81	0.18	101	0.17
2	26.18	22	2.02	42	0.00	62	8.99	82	0.00	102	0.00
3	13.60	23	1.36	43	0.83	63	4.95	83	0.00	103	0.00
4	22.99	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.51	25	3.93	45	0.00	65	0.00	85	0.00	105	0.00
6	17.15	26	0.00	46	2.47	66	5.56	86	0.29	106	0.00
7	6.91	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	22.44	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	11.12	30	3.15	50	0.00	70	1.61	90	1.14	110	0.00
11	0.00	31	8.44	51	0.00	71	0.00	91	0.00	111	0.00
12	5.02	32	0.00	52	0.19	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	7.49	93	0.00	113	0.00
14	0.00	34	0.00	54	0.75	74	0.00	94	0.00	114	0.00
15	0.00	35	3.36	55	13.40	75	0.00	95	0.13	115	0.47
16	0.20	36	1.06	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.43	57	0.00	77	2.13	97	2.39	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.22	118	0.00
19	0.00	39	0.00	59	0.42	79	0.00	99	0.00	119	0.00
20	0.31	40	0.68	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2151.01

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 21
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1000 FT DATE 10/01/69 TIME 1212 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2302.00	21	2.50	41	0.00	61	0.00	81	1.84	101	0.57
2	44.27	22	6.69	42	0.00	62	11.66	82	0.00	102	0.00
3	3.74	23	3.89	43	1.83	63	0.00	83	0.00	103	0.00
4	29.32	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	7.56	25	9.25	45	0.00	65	0.00	85	0.00	105	0.00
6	62.57	26	0.00	46	5.22	66	0.00	86	0.00	106	0.20
7	17.86	27	0.00	47	0.00	67	0.00	87	1.19	107	0.00
8	81.41	28	0.66	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.63	109	0.00
10	34.00	30	19.44	50	1.87	70	14.48	90	4.28	110	0.00
11	0.00	31	8.07	51	0.20	71	0.00	91	0.00	111	0.00
12	17.36	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	3.07	73	35.31	93	0.48	113	0.00
14	0.00	34	0.00	54	3.82	74	0.00	94	0.00	114	0.23
15	0.19	35	7.72	55	38.21	75	0.00	95	0.36	115	0.96
16	0.00	36	3.79	56	0.00	76	1.05	96	0.00	116	0.00
17	0.00	37	1.44	57	9.13	77	9.32	97	5.57	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	1.12	118	0.00
19	0.00	39	0.00	59	6.11	79	0.00	99	0.46	119	0.00
20	1.34	40	5.12	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2829.35

COMMERCE ALTITUDE 1500 FT DATE 10/01/69 TIME 1213 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1945.00	21	0.25	41	0.00	61	1.39	81	0.12	101	0.14
2	25.55	22	2.27	42	0.00	62	2.24	82	0.00	102	0.00
3	14.96	23	1.76	43	0.80	63	1.86	83	0.00	103	0.00
4	19.30	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.57	25	1.61	45	0.00	65	0.00	85	0.00	105	0.00
6	20.78	26	0.00	46	2.31	66	0.00	86	0.00	106	0.00
7	8.34	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	26.18	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	12.12	30	0.00	50	0.00	70	1.08	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	2.21	111	0.00
12	5.34	32	0.00	52	0.13	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.18	73	5.32	93	0.00	113	0.00
14	0.00	34	0.00	54	1.38	74	0.00	94	0.00	114	0.00
15	0.33	35	3.88	55	11.12	75	0.00	95	0.11	115	1.60
16	0.00	36	1.19	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.42	57	0.00	77	2.97	97	2.22	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.51	118	0.00
19	0.00	39	0.00	59	4.27	79	0.00	99	0.00	119	0.00
20	0.00	40	0.54	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2135.34

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 22
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1500 FT DATE 10/01/69 TIME 1302 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1588.00	21	0.00	41	0.00	61	0.00	81	0.24	101	0.11
2	12.54	22	1.01	42	0.00	62	0.00	82	0.00	102	0.00
3	5.44	23	0.53	43	0.60	63	0.00	83	0.00	103	0.00
4	7.22	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.21	25	1.08	45	0.00	65	0.00	85	0.00	105	0.00
6	12.56	26	0.00	46	1.67	66	0.00	86	0.00	106	0.00
7	4.30	27	0.00	47	0.00	67	0.42	87	0.00	107	0.00
8	12.47	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	7.41	30	4.78	50	0.00	70	0.80	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.66	111	0.00
12	3.25	32	26.36	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.40	73	3.52	93	0.00	113	0.00
14	0.00	34	6.54	54	0.66	74	0.00	94	0.00	114	0.00
15	0.00	35	12.85	55	8.26	75	0.00	95	0.00	115	1.98
16	0.00	36	1.37	56	0.00	76	1.21	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	2.35	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.90	118	0.00
19	0.00	39	0.00	59	1.49	79	0.00	99	0.00	119	0.00
20	0.00	40	0.17	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1735.35

EL MONTE ALTITUDE 1100 FT DATE 10/01/69 TIME 1305 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2342.00	21	1.07	41	0.00	61	0.00	81	0.00	101	0.23
2	19.52	22	2.34	42	0.00	62	0.00	82	0.00	102	0.00
3	13.26	23	1.64	43	0.80	63	0.00	83	0.00	103	0.00
4	10.31	24	0.00	44	0.00	64	2.29	84	0.00	104	0.00
5	4.53	25	4.86	45	0.00	65	0.00	85	0.00	105	0.00
6	36.24	26	0.00	46	2.20	66	0.00	86	0.00	106	0.00
7	5.34	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	26.80	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	16.40	30	5.98	50	1.08	70	7.28	90	1.71	110	0.00
11	0.00	31	4.18	51	0.00	71	0.00	91	0.00	111	0.00
12	7.28	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	2.74	73	22.70	93	0.17	113	0.00
14	0.00	34	0.00	54	3.90	74	0.00	94	0.00	114	0.13
15	0.00	35	3.97	55	29.70	75	0.00	95	0.18	115	0.73
16	0.00	36	1.58	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.47	57	0.00	77	2.71	97	3.43	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.15	118	0.00
19	0.00	39	0.00	59	5.13	79	0.00	99	0.00	119	0.00
20	0.41	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2595.43

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 23
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 700 FT DATE 10/01/69 TIME 1306 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1786.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	8.89	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	5.10	23	0.25	43	0.32	63	0.00	83	0.00	103	0.00
4	4.27	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.76	25	14.68	45	0.00	65	0.00	85	0.00	105	0.00
6	7.01	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	2.61	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	8.48	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.77	30	2.73	50	0.00	70	0.40	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.29	111	0.00
12	2.26	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.18	73	2.92	93	0.00	113	0.00
14	0.00	34	0.00	54	2.15	74	0.00	94	0.00	114	0.00
15	0.00	35	1.74	55	7.41	75	0.00	95	0.00	115	0.00
16	0.00	36	0.29	56	0.00	76	0.13	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.26	97	1.57	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	3.50	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1871.96

COMMERCE ALTITUDE 700 FT DATE 10/22/69 TIME 1019 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1667.00	21	0.00	41	0.00	61	0.00	81	0.16	101	0.00
2	15.07	22	2.91	42	0.00	62	0.00	82	0.00	102	0.00
3	6.80	23	1.34	43	0.00	63	0.00	83	0.00	103	0.00
4	9.58	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.21	25	2.09	45	0.00	65	0.00	85	0.34	105	0.00
6	6.76	26	0.00	46	0.00	66	0.00	86	0.13	106	0.00
7	4.17	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	12.47	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	7.61	30	1.55	50	0.00	70	0.00	90	1.19	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	4.39	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.56	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	7.58	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.29	97	2.39	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	1.03	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1761.62

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 24
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1000 FT DATE 10/22/69 TIME 1020 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	0.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	13.96	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	5.95	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	8.84	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.45	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	6.28	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.91	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	12.47	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 51.85

COMMERCE ALTITUDE 1500 FT DATE 10/22/69 TIME 1022 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1707.00	21	0.00	41	0.00	61	1.30	81	0.33	101	0.00
2	13.49	22	1.33	42	0.00	62	0.00	82	0.16	102	0.00
3	5.95	23	0.70	43	0.00	63	0.00	83	0.00	103	0.00
4	8.69	24	0.00	44	0.00	64	0.52	84	0.00	104	0.00
5	1.51	25	2.19	45	0.00	65	0.00	85	0.00	105	0.00
6	8.70	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.26	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	11.35	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	1.16	50	0.00	70	3.25	90	0.89	110	0.17
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.35	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	3.49	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	9.07	75	0.00	95	0.00	115	0.00
16	0.00	36	10.33	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.57	57	0.00	77	1.94	97	3.36	117	0.00
18	0.00	38	0.00	58	2.97	78	0.18	98	0.00	118	0.00
19	0.00	39	2.24	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1806.44

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 23
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 700 FT DATE 10/01/69 TIME 1306 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1786.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	8.89	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	5.10	23	0.25	43	0.32	63	0.00	83	0.00	103	0.00
4	4.27	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.76	25	14.68	45	0.00	65	0.00	85	0.00	105	0.00
6	7.01	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	2.61	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	8.48	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.77	30	2.73	50	0.00	70	0.40	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.29	111	0.00
12	2.26	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.18	73	2.92	93	0.00	113	0.00
14	0.00	34	0.00	54	2.15	74	0.00	94	0.00	114	0.00
15	0.00	35	1.74	55	7.41	75	0.00	95	0.00	115	0.00
16	0.00	36	0.29	56	0.00	76	0.13	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.26	97	1.57	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	3.50	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1871.96

COMMERCE ALTITUDE 700 FT DATE 10/22/69 TIME 1019 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1667.00	21	0.00	41	0.00	61	0.00	81	0.16	101	0.00
2	15.07	22	2.91	42	0.00	62	0.00	82	0.00	102	0.00
3	6.80	23	1.34	43	0.00	63	0.00	83	0.00	103	0.00
4	9.58	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.21	25	2.09	45	0.00	65	0.00	85	0.34	105	0.00
6	6.76	26	0.00	46	0.00	66	0.00	86	0.13	106	0.00
7	4.17	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	12.47	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	7.61	30	1.55	50	0.00	70	0.00	90	1.19	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	4.39	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.56	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	7.58	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.29	97	2.39	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	1.03	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1761.62

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 24
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1000 FT DATE 10/22/69 TIME 1020 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	0.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	13.96	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	5.95	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	8.84	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.45	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	6.28	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.91	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	12.47	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 51.85

COMMERCE ALTITUDE 1500 FT DATE 10/22/69 TIME 1022 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1707.00	21	0.00	41	0.00	61	1.30	81	0.33	101	0.00
2	13.49	22	1.33	42	0.00	62	0.00	82	0.16	102	0.00
3	5.95	23	0.70	43	0.00	63	0.00	83	0.00	103	0.00
4	8.69	24	0.00	44	0.00	64	0.52	84	0.00	104	0.00
5	1.51	25	2.19	45	0.00	65	0.00	85	0.00	105	0.00
6	8.70	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.26	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	11.35	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	1.16	50	0.00	70	3.25	90	0.89	110	0.17
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.35	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	3.49	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	9.07	75	0.00	95	0.00	115	0.00
16	0.00	36	10.33	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.57	57	0.00	77	1.94	97	3.36	117	0.00
18	0.00	38	0.00	58	2.97	78	0.18	98	0.00	118	0.00
19	0.00	39	2.24	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1806.44

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 25
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1100 FT DATE 10/22/69 TIME 1400 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1826.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	8.73	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	6.63	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	4.27	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.91	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	8.21	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	2.48	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	8.73	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1865.96

EL MONTE ALTITUDE 700 FT DATE 10/22/69 TIME 1052 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1588.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	8.73	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	5.95	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	3.54	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	4.83	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	2.74	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	9.23	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1623.02

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 26
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 10/22/69 TIME 1315 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1905.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	20.63	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	8.50	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	19.01	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.06	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	10.15	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	7.30	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	17.45	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1989.10

COMMERCE ALTITUDE 1200 FT DATE 10/22/69 TIME 1318 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1826.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	23.01	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	8.50	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	23.57	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.51	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	8.21	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.99	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	21.82	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1921.61

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/[illegible]
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 2000 FT DATE 10/22/69 TIME 1324 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1667.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	17.45	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	5.61	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	15.18	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.45	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	7.01	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	5.87	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	14.96	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1733.53

EL MONTE ALTITUDE 1100 FT DATE 10/22/69 TIME 1454 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1627.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	12.85	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	5.95	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	8.10	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.91	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	8.46	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	4.17	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	13.71	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1681.15

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 28
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 700 FT DATE 10/22/69 TIME 1456 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1627.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	13.33	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	7.65	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	7.96	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.91	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	8.70	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	4.17	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	15.33	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1685.05

COMMERCE ALTITUDE 700 FT DATE 10/27/69 TIME 1529 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1905.00	21	0.00	41	0.00	61	4.00	81	0.00	101	0.31
2	26.97	22	1.42	42	0.00	62	2.14	82	0.00	102	0.00
3	14.96	23	0.97	43	1.92	63	3.17	83	0.00	103	0.00
4	21.22	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.72	25	3.15	45	0.00	65	0.00	85	0.00	105	0.00
6	16.43	26	0.00	46	7.09	66	0.00	86	0.00	106	0.00
7	7.04	27	0.00	47	0.00	67	0.00	87	0.20	107	0.18
8	15.58	28	0.00	48	0.80	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	1.16	69	0.00	89	0.94	109	0.00
10	6.32	30	1.88	50	0.00	70	0.54	90	1.29	110	0.00
11	0.00	31	0.00	51	1.18	71	0.00	91	0.00	111	0.00
12	3.22	32	0.00	52	1.73	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	2.56	73	4.70	93	0.00	113	0.00
14	0.00	34	0.00	54	4.03	74	0.00	94	0.00	114	0.21
15	0.00	35	2.17	55	17.18	75	0.00	95	0.23	115	1.09
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.13
17	0.00	37	0.00	57	0.44	77	1.98	97	3.19	117	0.12
18	0.00	38	0.00	58	0.00	78	0.24	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.22	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2092.01

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 29
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1500 FT DATE 10/27/69 TIME 1528 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2064.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	46.02	22	2.01	42	0.00	62	0.00	82	0.00	102	0.23
3	19.04	23	1.19	43	3.00	63	2.70	83	0.00	103	0.00
4	36.83	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.12	25	3.08	45	0.00	65	0.00	85	0.00	105	0.00
6	21.50	26	0.00	46	3.92	66	0.00	86	0.00	106	0.00
7	14.86	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	28.80	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.14	109	0.00
10	10.60	30	2.17	50	0.00	70	1.20	90	2.02	110	0.00
11	0.00	31	0.00	51	2.60	71	0.00	91	0.00	111	0.00
12	5.66	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	4.48	73	5.58	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	32.58	75	0.00	95	0.14	115	1.16
16	0.00	36	2.99	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.61	97	3.92	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.12	99	0.12	119	0.00
20	0.00	40	2.58	60	2.70	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2332.66

COMMERCE ALTITUDE 2500 FT DATE 10/27/69 TIME 1532 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2024.00	21	0.00	41	1.99	61	0.00	81	0.00	101	0.00
2	26.18	22	1.84	42	0.00	62	0.00	82	0.00	102	0.00
3	4.42	23	0.98	43	0.00	63	0.00	83	0.00	103	0.00
4	14.29	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.30	25	1.11	45	0.00	65	0.00	85	0.00	105	0.00
6	17.39	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	5.87	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	17.45	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	8.30	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	4.12	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	6.71	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.39	35	0.99	55	35.79	75	0.00	95	0.00	115	1.44
16	0.00	36	1.39	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.33	57	0.00	77	0.00	97	3.31	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2179.59

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 30
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 2500 FT DATE 10/27/69 TIME 1540 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2580.00	21	1.14	41	0.00	61	0.00	81	0.00	101	0.00
2	49.98	22	3.88	42	0.00	62	3.39	82	0.00	102	0.00
3	20.74	23	2.56	43	1.72	63	0.00	83	0.00	103	0.00
4	24.75	24	0.00	44	0.00	64	0.60	84	0.00	104	0.00
5	0.91	25	5.36	45	1.26	65	0.00	85	0.00	105	0.00
6	48.80	26	0.00	46	1.47	66	0.00	86	0.00	106	0.00
7	11.08	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	39.89	28	0.00	48	0.00	68	0.00	88	0.26	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	22.77	30	2.76	50	0.00	70	2.18	90	1.54	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	10.88	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	2.93	73	8.37	93	0.00	113	0.00
14	0.00	34	0.00	54	4.54	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	36.81	75	0.00	95	0.28	115	1.72
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.30	97	4.11	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.24	119	0.00
20	0.30	40	4.56	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2905.07

EL MONTE ALTITUDE 1100 FT DATE 10/27/69 TIME 1546 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2540.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	50.93	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	29.41	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	40.52	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.29	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	32.37	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	17.07	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	37.53	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2753.12

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 31
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 700 FT DATE 10/27/69 TIME 1549 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2223.00	21	0.85	41	0.00	61	1.22	81	0.00	101	0.36
2	45.06	22	4.18	42	0.00	62	3.79	82	0.00	102	0.00
3	27.20	23	2.38	43	0.87	63	0.00	83	0.00	103	0.00
4	37.57	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	4.68	25	6.31	45	0.29	65	0.00	85	0.00	105	0.00
6	32.37	26	0.00	46	7.96	66	0.00	86	0.22	106	0.15
7	16.55	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	35.53	28	0.00	48	0.00	68	0.00	88	0.31	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	16.78	30	4.13	50	0.00	70	2.69	90	1.51	110	0.00
11	0.00	31	0.00	51	1.65	71	0.00	91	0.00	111	0.00
12	9.14	32	0.00	52	2.95	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.21	73	11.28	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.16	114	0.00
15	0.00	35	1.14	55	44.04	75	0.00	95	0.00	115	1.79
16	0.00	36	8.61	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	18.47	57	6.98	77	4.52	97	3.95	117	0.00
18	0.00	38	2.22	58	0.00	78	0.76	98	0.20	118	0.00
19	0.00	39	7.82	59	0.00	79	0.00	99	0.26	119	0.00
20	0.43	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2602.53

COMMERCE ALTITUDE 700 FT DATE 10/29/69 TIME 1050 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3572.00	21	2.71	41	0.00	61	0.00	81	0.00	101	0.00
2	118.21	22	6.42	42	0.00	62	0.00	82	0.00	102	0.32
3	44.03	23	3.95	43	0.00	63	0.00	83	0.44	103	0.00
4	85.46	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	6.04	25	6.62	45	0.00	65	0.00	85	0.00	105	0.00
6	65.23	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	24.89	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	70.94	28	0.00	48	0.00	68	0.00	88	0.27	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	29.50	30	6.23	50	0.00	70	3.49	90	2.02	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	15.91	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	12.63	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	1.22	55	39.86	75	0.00	95	0.34	115	0.00
16	0.00	36	12.03	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	4.60	97	3.64	117	0.00
18	0.00	38	15.21	58	0.00	78	0.00	98	0.41	118	0.00
19	0.00	39	0.00	59	0.00	79	0.77	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4155.38

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 32
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1100 FT DATE 10/29/69 TIME 1051 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2818.00	21	1.14	41	0.00	61	0.00	81	1.02	101	0.00
2	68.07	22	4.70	42	0.00	62	0.00	82	0.00	102	0.35
3	29.92	23	2.89	43	0.00	63	0.00	83	0.49	103	0.00
4	44.79	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.02	25	7.00	45	0.00	65	0.00	85	0.00	105	0.00
6	47.83	26	0.00	46	0.00	66	0.00	86	0.29	106	0.00
7	15.77	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	46.63	28	0.00	48	0.00	68	0.00	88	0.27	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	20.72	30	4.22	50	0.00	70	4.49	90	1.83	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	10.28	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	11.45	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	27.86	75	0.00	95	0.30	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	4.47	97	3.52	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.45	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.21	119	0.00
20	0.57	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3182.54

COMMERCE ALTITUDE 1500 FT DATE 10/29/69 TIME 1052 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1746.00	21	0.00	41	0.00	61	0.81	81	0.00	101	0.00
2	14.28	22	1.52	42	0.00	62	0.00	82	0.00	102	0.00
3	5.95	23	0.75	43	0.00	63	5.78	83	0.00	103	0.00
4	8.99	24	0.00	44	0.21	64	0.00	84	0.00	104	0.00
5	0.45	25	1.63	45	0.00	65	0.00	85	0.00	105	0.00
6	11.84	26	0.00	46	1.53	66	0.00	86	0.00	106	0.00
7	4.43	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	12.59	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	10.89	30	1.14	50	0.00	70	1.10	90	1.30	110	0.00
11	0.00	31	0.00	51	0.47	71	0.00	91	0.00	111	0.00
12	4.73	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	2.70	73	4.37	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	20.21	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	9.95	57	0.69	77	1.68	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.40	79	0.00	99	0.12	119	0.00
20	0.00	40	3.22	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1879.72

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 33
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 10/29/69 TIME 1140 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3096.00	21	1.91	41	0.00	61	1.08	81	0.00	101	0.16
2	85.53	22	4.88	42	0.00	62	3.48	82	0.00	102	0.00
3	28.73	23	3.17	43	5.24	63	3.67	83	0.19	103	0.00
4	59.67	24	0.00	44	0.00	64	1.42	84	0.00	104	0.00
5	3.02	25	6.24	45	0.28	65	0.00	85	0.00	105	0.00
6	47.11	26	0.00	46	12.50	66	0.00	86	0.00	106	0.00
7	20.20	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	56.60	28	0.00	48	0.00	68	0.18	88	0.28	108	0.00
9	0.00	29	0.00	49	3.26	69	0.00	89	0.00	109	0.00
10	25.53	30	4.81	50	0.00	70	3.48	90	1.34	110	0.00
11	0.00	31	0.00	51	1.18	71	0.00	91	0.28	111	0.00
12	11.35	32	0.00	52	0.99	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.60	73	10.78	93	0.00	113	0.00
14	0.00	34	0.00	54	1.41	74	0.00	94	0.00	114	0.00
15	0.00	35	1.07	55	29.06	75	0.00	95	0.20	115	0.00
16	0.00	36	2.38	56	8.81	76	4.23	96	0.00	116	0.00
17	0.00	37	7.65	57	8.70	77	0.00	97	3.02	117	0.00
18	0.00	38	2.19	58	0.00	78	0.00	98	0.16	118	0.00
19	0.00	39	2.12	59	3.44	79	0.49	99	0.00	119	0.00
20	0.00	40	10.86	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3591.92

EL MONTE ALTITUDE 1500 FT DATE 10/29/69 TIME 1151 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2143.00	21	0.00	41	0.00	61	0.18	81	0.00	101	0.00
2	34.75	22	2.47	42	0.00	62	2.41	82	0.00	102	0.00
3	17.00	23	1.40	43	5.52	63	3.89	83	0.00	103	0.00
4	20.48	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.12	25	3.50	45	0.00	65	0.00	85	0.00	105	0.00
6	32.13	26	3.50	46	2.20	66	0.00	86	0.00	106	0.00
7	11.73	27	0.00	47	2.50	67	0.00	87	0.00	107	0.00
8	33.66	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.12	109	0.00
10	15.33	30	1.89	50	0.00	70	3.70	90	1.77	110	0.00
11	0.00	31	0.00	51	0.00	71	3.70	91	0.00	111	0.00
12	6.59	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.79	73	5.58	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	18.21	75	0.00	95	0.00	115	0.00
16	0.00	36	2.46	56	0.42	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.22	97	1.69	117	0.00
18	0.00	38	0.00	58	0.00	78	2.22	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.21	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2390.33

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 34
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1100 FT DATE 10/29/69 TIME 1152 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2461.00	21	2.15	41	0.00	61	1.57	81	0.33	101	0.00
2	41.26	22	4.90	42	0.00	62	3.27	82	0.00	102	0.32
3	22.10	23	2.84	43	3.08	63	3.35	83	0.32	103	0.00
4	24.02	24	0.00	44	0.00	64	0.54	84	0.00	104	0.00
5	2.42	25	8.07	45	0.00	65	0.00	85	0.00	105	0.00
6	38.65	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	11.86	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	35.91	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	2.21	69	0.00	89	0.28	109	0.00
10	27.91	30	4.33	50	0.00	70	3.05	90	1.93	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	13.02	32	0.00	52	3.27	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	4.43	73	11.20	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.60	55	37.86	75	0.00	95	0.34	115	0.00
16	0.00	36	10.86	56	4.34	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	5.63	77	4.56	97	4.11	117	0.00
18	0.00	38	13.97	58	0.00	78	0.00	98	0.31	118	0.00
19	0.00	39	2.68	59	1.64	79	0.00	99	0.36	119	0.00
20	0.00	40	14.58	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2841.42

EL MONTE ALTITUDE 700 FT DATE 10/29/69 TIME 1154 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2223.00	21	0.76	41	0.00	61	0.00	81	0.00	101	0.00
2	34.91	22	2.96	42	0.00	62	0.00	82	0.00	102	0.00
3	17.00	23	1.79	43	2.18	63	0.00	83	0.00	103	0.00
4	19.60	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.51	25	5.82	45	0.00	65	0.00	85	0.00	105	0.00
6	32.61	26	0.00	46	1.24	66	0.00	86	0.00	106	0.00
7	10.43	27	0.00	47	1.08	67	0.00	87	0.00	107	0.00
8	31.79	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.12	109	0.00
10	14.24	30	2.39	50	0.40	70	0.00	90	1.20	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.05	111	0.00
12	6.71	32	0.00	52	4.22	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	6.06	93	0.00	113	0.00
14	0.00	34	0.00	54	5.25	74	0.00	94	0.00	114	0.00
15	0.00	35	1.87	55	30.61	75	0.00	95	0.13	115	0.00
16	0.00	36	3.43	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.47	97	2.10	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.24	99	0.00	119	0.00
20	0.28	40	2.15	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2471.60

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 35
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 10/29/69 TIME 1428 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2421.00	21	0.00	41	0.00	61	0.00	81	0.00	101	1.41
2	42.05	22	1.83	42	0.00	62	0.00	82	0.00	102	0.00
3	14.79	23	0.99	43	3.69	63	0.00	83	1.06	103	0.00
4	28.88	24	0.00	44	0.00	64	0.00	84	1.12	104	0.00
5	0.76	25	2.57	45	0.00	65	0.00	85	0.00	105	0.00
6	24.16	26	0.00	46	6.16	66	2.06	86	0.00	106	0.00
7	10.95	27	0.00	47	0.00	67	0.87	87	0.00	107	0.00
8	28.18	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	1.43	69	0.00	89	1.99	109	1.32
10	12.99	30	1.72	50	0.00	70	4.52	90	0.19	110	0.00
11	0.00	31	0.00	51	2.18	71	0.00	91	0.79	111	0.00
12	5.59	32	0.00	52	6.08	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	10.02	93	0.31	113	0.00
14	0.00	34	0.00	54	4.10	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	39.27	75	0.00	95	0.00	115	0.00
16	0.00	36	3.54	56	0.00	76	0.00	96	3.06	116	0.00
17	0.00	37	23.50	57	0.00	77	4.91	97	5.91	117	0.00
18	0.00	38	0.00	58	0.00	78	3.86	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2729.80

COMMERCE ALTITUDE 1000 FT DATE 10/29/69 TIME 1429 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2302.00	21	0.00	41	0.00	61	0.43	81	0.00	101	0.54
2	44.27	22	1.96	42	0.00	62	0.00	82	0.00	102	0.00
3	14.79	23	1.04	43	3.24	63	0.00	83	0.55	103	0.00
4	35.36	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.06	25	2.47	45	0.00	65	0.00	85	0.64	105	0.00
6	26.57	26	0.00	46	5.76	66	0.41	86	0.39	106	0.00
7	13.03	27	0.00	47	1.88	67	0.00	87	0.00	107	0.00
8	34.78	28	0.00	48	0.00	68	0.28	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	1.29	109	0.00
10	14.98	30	1.77	50	0.00	70	3.00	90	2.29	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	6.72	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	7.79	93	0.00	113	0.00
14	0.00	34	0.00	54	2.62	74	0.00	94	0.00	114	0.00
15	0.00	35	0.94	55	26.82	75	0.00	95	0.00	115	0.36
16	0.00	36	0.00	56	8.26	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.54	97	2.41	117	0.00
18	0.00	38	0.00	58	0.00	78	1.31	98	1.75	118	0.00
19	0.00	39	12.26	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2589.55

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 36
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1500 FT DATE 10/29/69 TIME 1431 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1746.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	18.09	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	5.10	23	0.00	43	1.01	63	0.00	83	0.00	103	0.00
4	11.79	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.45	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	9.66	26	0.00	46	6.01	66	0.00	86	0.00	106	0.00
7	4.82	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	14.59	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.67	30	0.00	50	0.00	70	1.18	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	1.79	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.29	73	1.95	93	0.00	113	0.00
14	0.00	34	0.00	54	0.26	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	14.23	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.24	57	0.17	77	1.12	97	1.57	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.18	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1845.16

COMMERCE ALTITUDE 700 FT DATE 10/29/69 TIME 1509 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2143.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	33.16	22	1.50	42	0.00	62	0.17	82	0.00	102	0.00
3	11.90	23	0.69	43	2.92	63	0.00	83	0.00	103	0.00
4	21.22	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.06	25	1.56	45	0.29	65	0.00	85	0.00	105	0.00
6	22.23	26	0.00	46	3.48	66	0.00	86	0.00	106	0.00
7	9.78	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	26.06	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	10.95	30	1.15	50	0.00	70	1.93	90	0.79	110	0.00
11	0.00	31	0.00	51	0.25	71	0.00	91	0.00	111	0.00
12	4.70	32	0.00	52	3.14	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	5.42	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	21.02	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.18	97	1.63	117	0.00
18	0.00	38	1.73	58	0.73	78	0.00	98	0.00	118	0.00
19	0.00	39	7.08	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2341.71

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 37
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1000 FT DATE 10/29/69 TIME 1523 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2223.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	22.21	22	1.21	42	0.00	62	0.00	82	0.00	102	0.00
3	11.90	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	10.46	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.96	25	14.56	45	0.00	65	0.00	85	0.00	105	0.00
6	21.50	26	0.00	46	4.10	66	0.00	86	0.00	106	0.00
7	6.39	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	33.66	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	8.79	30	0.58	50	0.00	70	2.12	90	1.02	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.65	111	0.00
12	3.88	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.84	73	6.85	93	0.00	113	0.00
14	0.00	34	0.00	54	1.03	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	25.74	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.44	57	0.00	77	2.56	97	1.90	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.17	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2408.52

SPECIAL ALTITUDE 1500 FT DATE 10/29/69 TIME 1542 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2580.00	21	0.47	41	0.00	61	2.24	81	0.00	101	0.17
2	57.12	22	2.85	42	0.00	62	2.74	82	0.00	102	0.00
3	20.23	23	1.47	43	2.47	63	0.00	83	0.23	103	0.00
4	34.62	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.81	25	3.91	45	0.26	65	0.00	85	0.00	105	0.00
6	37.69	26	0.00	46	1.65	66	0.00	86	0.00	106	0.00
7	15.12	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	47.25	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.15	109	0.00
10	19.17	30	3.34	50	0.00	70	2.68	90	1.48	110	0.00
11	0.00	31	0.00	51	0.33	71	0.00	91	1.26	111	0.00
12	8.31	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	3.51	73	8.12	93	0.00	113	0.00
14	0.00	34	0.00	54	3.99	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	27.76	75	0.00	95	0.00	115	0.00
16	0.00	36	6.05	56	0.00	76	0.23	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.99	97	2.68	117	0.00
18	0.00	38	8.62	58	2.70	78	1.18	98	0.31	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.21	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2917.36

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 38
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1100 FT DATE 10/29/69 TIME 1604 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1786.00	21	0.00	41	0.00	61	0.00	81	0.16	101	0.00
2	24.91	22	1.12	42	0.52	62	6.29	82	0.00	102	0.00
3	9.01	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	17.68	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.45	25	0.00	45	0.25	65	0.00	85	0.00	105	0.00
6	19.33	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	9.25	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	26.31	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	9.25	30	0.00	50	0.00	70	1.58	90	1.80	110	0.00
11	0.00	31	0.00	51	0.87	71	0.00	91	0.00	111	0.00
12	3.62	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	5.50	73	5.58	93	0.00	113	0.00
14	0.00	34	0.00	54	8.12	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	26.57	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.26	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.93	97	2.35	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.30	119	0.00
20	0.00	40	0.34	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1970.34

COMMERCE ALTITUDE 700 FT DATE 10/30/69 TIME 0855 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1722.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	9.56	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	14.29	23	0.00	43	0.00	63	0.00	83	0.40	103	0.00
4	2.60	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.60	25	1.36	45	0.00	65	0.00	85	0.64	105	0.00
6	12.06	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.50	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	10.86	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	2.13	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	2.04	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	4.90	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1788.94

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 39
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1000 FT DATE 10/30/69 TIME 0856 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	0.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	0.00	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 0.00

COMMERCE ALTITUDE 2000 FT DATE 10/30/69 TIME 0900 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1617.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	7.97	22	0.00	42	0.00	62	0.00	82	0.68	102	0.00
3	4.64	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	5.20	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	2.06	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	6.05	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	1.13	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	2.70	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	1.81	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1649.23

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 40
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 10/30/69 TIME 0931 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	0.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	15.30	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	10.71	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	4.42	24	0.00	44	1.17	64	0.00	84	1.15	104	0.00
5	3.90	25	5.81	45	0.00	65	0.00	85	0.00	105	0.00
6	12.61	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	7.21	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	10.23	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.00	30	0.00	50	0.00	70	4.75	90	2.25	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.38	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	6.41	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	15.48	75	0.00	95	0.00	115	2.57
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.97	97	2.16	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.74	79	0.76	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 114.97

EL MONTE ALTITUDE 2000 FT DATE 10/30/69 TIME 0945 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1425.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	6.05	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	1.44	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.30	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	2.71	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.76	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	5.96	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1445.22

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 41
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1100 FT DATE 10/30/69 TIME 0947 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1514.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	8.92	22	1.33	42	0.00	62	0.00	82	0.00	102	0.00
3	5.36	23	0.61	43	0.00	63	0.00	83	0.00	103	0.00
4	4.42	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.86	45	0.00	65	0.00	85	0.40	105	0.00
6	16.45	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.30	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	8.14	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	6.20	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	2.49	51	0.00	71	0.00	91	3.16	111	0.00
12	2.69	32	0.00	52	0.26	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	7.42	93	0.00	113	0.00
14	0.00	34	0.00	54	0.28	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	6.23	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.92	97	3.20	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1598.64

EL MONTE ALTITUDE 700 FT DATE 10/30/69 TIME 0949 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1886.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	15.93	22	0.67	42	0.00	62	0.00	82	0.00	102	0.00
3	18.57	23	0.00	43	0.00	63	0.00	83	0.68	103	0.00
4	6.50	24	0.00	44	0.00	64	0.00	84	0.35	104	0.00
5	5.20	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	17.55	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	5.15	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	22.97	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.02	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.40	32	0.00	52	0.00	72	0.00	92	1.69	112	0.00
13	0.00	33	0.00	53	0.00	73	6.01	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	3.40	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1996.09

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 42
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 10/30/69 TIME 1348 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1984.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	51.31	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	17.86	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	39.01	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.90	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	13.71	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	16.48	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	38.42	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2164.69

COMMERCE ALTITUDE 1500 FT DATE 10/30/69 TIME 1352 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2175.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	41.11	22	2.02	42	0.00	62	0.00	82	0.00	102	0.00
3	14.29	23	1.08	43	1.47	63	2.08	83	0.00	103	0.00
4	28.35	24	0.00	44	0.00	64	0.00	84	0.24	104	0.00
5	5.72	25	4.25	45	0.00	65	0.00	85	0.00	105	0.00
6	21.38	26	0.00	46	0.94	66	0.00	86	0.00	106	0.00
7	14.42	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	32.36	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	8.90	30	0.00	50	0.00	70	3.50	90	3.79	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	4.54	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	9.53	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	1.07	55	11.95	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	4.56	97	1.98	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	1.63	118	0.00
19	0.00	39	0.00	59	0.00	79	2.29	99	0.00	119	0.00
20	0.00	40	0.48	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2398.92

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 43
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 10/30/69 TIME 1435 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2113.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	35.69	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	15.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	18.20	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.90	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	16.45	26	0.00	46	0.65	66	0.00	86	0.00	106	0.00
7	7.62	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	20.88	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.98	30	0.00	50	0.00	70	2.94	90	2.76	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.43	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	3.71	53	0.00	73	7.99	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	12.75	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.63	97	2.93	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.26	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2272.77

EL MONTE ALTITUDE 1500 FT DATE 10/30/69 TIME 1509 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1656.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	25.18	22	0.54	42	0.00	62	0.00	82	0.00	102	0.00
3	12.50	23	0.00	43	0.00	63	0.94	83	0.00	103	0.00
4	13.26	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.64	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	12.06	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	6.18	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	21.09	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	5.51	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	2.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	5.71	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	8.38	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	1.91	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1774.90

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 44
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1100 FT DATE 10/30/69 TIME 1510 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1797.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	26.13	22	1.15	42	0.00	62	0.00	82	0.00	102	0.00
3	14.29	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	17.94	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.82	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	21.93	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.24	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	26.10	28	0.00	48	0.42	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.62	69	0.00	89	0.00	109	0.00
10	7.06	30	0.45	50	0.00	70	0.00	90	2.85	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	2.57	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	7.60	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	10.68	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.09	97	2.54	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1952.47

EL MONTE ALTITUDE 700 FT DATE 10/30/69 TIME 1512 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1867.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	31.87	22	1.18	42	0.00	62	0.00	82	0.00	102	0.00
3	18.57	23	0.00	43	0.72	63	0.00	83	0.00	103	0.00
4	19.50	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.64	25	0.66	45	0.00	65	0.00	85	0.00	105	0.00
6	21.93	26	0.00	46	0.00	66	0.49	86	0.00	106	0.00
7	8.86	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	29.65	28	0.00	48	0.00	68	1.32	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	7.80	30	0.00	50	0.00	70	2.29	90	3.24	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	2.77	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	2.41	53	0.00	73	6.99	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	12.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.15	97	1.40	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	1.17	118	0.00
19	0.00	39	0.00	59	0.44	79	0.67	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2049.71

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 45
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 11/01/69 TIME 0855 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1826.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.14
2	12.06	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	6.63	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	3.24	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.06	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	7.73	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.52	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	10.22	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.92	90	1.69	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.34	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.66	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1879.21

COMMERCE ALTITUDE 1000 FT DATE 11/01/69 TIME 0856 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1468.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	4.60	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	1.70	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	1.77	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	4.35	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	2.48	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	5.36	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	1.33	90	1.47	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	5.67	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.37	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.21	97	2.62	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1501.93

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 46
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1500 FT DATE 11/01/69 TIME 0858 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1389.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	4.76	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	2.04	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	2.50	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	3.14	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	2.48	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	6.23	28	0.00	48	0.29	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	1.09	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.72	93	0.00	113	0.00
14	0.00	34	0.00	54	2.87	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	12.36	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.25	96	0.00	116	0.00
17	0.00	37	0.00	57	4.70	77	1.69	97	3.74	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.56	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1442.42

COMMERCE ALTITUDE 700 FT DATE 11/01/69 TIME 1346 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2262.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	40.79	22	0.47	42	0.00	62	0.00	82	0.00	102	0.00
3	23.57	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	26.01	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	4.68	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	18.64	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.65	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	25.89	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.06	30	0.00	50	0.00	70	1.28	90	1.17	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.55	32	0.00	52	0.16	72	0.00	92	0.00	112	0.00
13	0.00	33	1.54	53	0.00	73	4.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	3.65	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.70	97	1.44	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.23	79	0.00	99	0.00	119	0.00
20	0.00	40	0.24	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2431.72

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 47
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1000 FT DATE 11/01/69 TIME 1348 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1858.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	25.49	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	15.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	16.12	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.60	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	12.06	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	6.18	27	0.00	47	0.00	67	0.00	87	0.00	107	0.46
8	17.96	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.23	69	0.00	89	0.00	109	0.00
10	1.85	30	0.00	50	0.00	70	0.00	90	0.66	110	0.00
11	0.00	31	0.00	51	0.14	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.33	73	2.94	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	4.25	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.63	97	0.48	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.34	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1966.71

COMMERCE ALTITUDE 1500 FT DATE 11/01/69 TIME 1350 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1569.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	6.37	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	1.27	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.56	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.46	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.46	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.43	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.73	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1579.28

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 48
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1500 FT DATE 11/01/69 TIME 1408 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2371.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	45.89	22	2.49	42	0.00	62	0.00	82	0.00	102	0.00
3	29.28	23	1.31	43	1.53	63	0.92	83	0.00	103	0.00
4	24.97	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	7.80	25	2.47	45	0.00	65	0.00	85	0.00	105	0.00
6	14.26	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	9.48	27	0.00	47	1.30	67	0.00	87	0.00	107	0.00
8	41.76	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	12.87	30	1.63	50	0.00	70	4.54	90	3.80	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	5.36	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	14.28	93	0.00	113	0.00
14	0.00	34	0.00	54	0.19	74	0.00	94	0.00	114	0.00
15	0.00	35	2.45	55	12.15	75	0.00	95	0.25	115	0.00
16	0.00	36	1.33	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.61	57	0.00	77	3.95	97	4.48	117	0.00
18	0.00	38	0.00	58	0.00	78	0.95	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	1.30	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2624.60

EL MONTE ALTITUDE 1100 FT DATE 11/01/69 TIME 1410 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1690.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	30.59	22	0.19	42	0.00	62	0.00	82	0.00	102	0.00
3	13.57	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	19.77	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	18.64	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	9.48	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	25.47	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	3.91	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.65	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	2.78	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.33	55	4.04	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	1.17	117	0.00
18	0.00	38	0.00	58	0.00	78	1.20	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	1.67	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1824.45

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 49
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 700 FT DATE 11/01/69 TIME 1413 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2084.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	39.52	22	0.40	42	0.00	62	0.00	82	0.00	102	0.00
3	20.71	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	21.33	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.12	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	21.93	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	11.13	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	32.57	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.63	69	0.00	89	0.00	109	0.00
10	3.92	30	0.00	50	0.00	70	0.00	90	0.87	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	3.05	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.43	73	3.85	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	13.29	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	1.23	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.16	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2262.14

COMMERCE ALTITUDE 700 FT DATE 11/03/69 TIME 1032 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2858.00	21	1.76	41	0.00	61	0.00	81	0.71	101	0.59
2	71.72	22	5.20	42	0.00	62	0.00	82	0.00	102	0.00
3	35.70	23	3.59	43	6.63	63	0.00	83	0.32	103	0.00
4	51.86	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	6.04	25	12.68	45	0.00	65	0.00	85	0.00	105	0.00
6	49.53	26	0.00	46	0.00	66	0.00	86	0.18	106	0.00
7	22.29	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	59.72	28	0.00	48	0.00	68	0.00	88	0.31	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	29.75	30	6.53	50	0.00	70	0.00	90	2.47	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.43	111	0.00
12	14.76	32	0.00	52	0.00	72	0.00	92	0.18	112	0.00
13	0.00	33	0.00	53	0.00	73	12.69	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	2.47	55	30.87	75	0.00	95	0.48	115	0.00
16	0.00	36	0.00	56	4.13	76	0.35	96	0.00	116	0.00
17	0.00	37	4.39	57	0.00	77	5.45	97	4.73	117	0.00
18	0.00	38	0.93	58	0.00	78	0.00	98	0.17	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.35	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3308.95

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 50
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1000 FT DATE 11/03/69 TIME 1034 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2183.00	21	0.37	41	0.00	61	0.00	81	0.00	101	0.24
2	36.34	22	1.58	42	0.00	62	0.00	82	0.00	102	0.00
3	18.53	23	1.27	43	0.00	63	0.00	83	0.00	103	0.00
4	20.63	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.72	25	4.75	45	0.00	65	0.00	85	0.00	105	0.00
6	24.64	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	10.04	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	26.80	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	12.66	30	1.56	50	0.00	70	5.10	90	1.22	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	6.02	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	9.21	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.80	55	36.12	75	0.33	95	0.22	115	0.00
16	0.00	36	2.68	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.11	57	0.00	77	3.81	97	2.56	117	0.00
18	0.00	38	0.00	58	0.00	78	0.26	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2414.56

COMMERCE ALTITUDE 1500 FT DATE 11/03/69 TIME 1036 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1548.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	8.57	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	2.04	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	3.54	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.45	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	3.62	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	2.61	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	5.11	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	1.66	30	0.00	50	0.00	70	3.94	90	0.53	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.40	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	5.20	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	27.72	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	1.08	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1614.46

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 51
CONCENTRATION OF C1 TO C10 HYDROCARBONS

HAWTHORNE ALTITUDE 700 FT DATE 11/03/69 TIME 1051 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2500.00	21	1.11	41	0.00	61	0.00	81	0.00	101	0.27
2	53.95	22	3.05	42	0.00	62	0.00	82	0.00	102	0.00
3	23.80	23	1.40	43	3.78	63	0.00	83	0.18	103	0.00
4	34.18	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.78	25	1.96	45	0.00	65	0.00	85	0.00	105	0.00
6	35.75	26	0.00	46	6.09	66	0.00	86	0.00	106	0.00
7	15.25	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	39.89	28	0.00	48	0.00	68	0.00	88	0.24	108	0.00
9	0.00	29	0.00	49	1.96	69	0.00	89	0.00	109	0.00
10	17.67	30	3.26	50	0.00	70	5.34	90	1.59	110	0.00
11	0.00	31	0.00	51	0.99	71	0.00	91	0.00	111	0.00
12	8.12	32	0.00	52	3.70	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	9.63	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.57	55	36.24	75	0.00	95	0.31	115	0.00
16	0.00	36	4.25	56	9.73	76	0.14	96	0.00	116	0.00
17	0.00	37	1.63	57	0.00	77	3.63	97	3.10	117	0.00
18	0.00	38	0.00	58	0.00	78	0.20	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2836.73

EL MONTE ALTITUDE 1500 FT DATE 11/03/69 TIME 1113 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1588.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	9.52	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	4.08	23	0.00	43	1.14	63	0.00	83	0.00	103	0.00
4	4.27	24	0.00	44	0.51	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	5.56	26	0.00	46	5.30	66	0.00	86	0.00	106	0.00
7	3.91	27	0.00	47	1.90	67	0.00	87	0.00	107	0.00
8	8.98	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	5.33	69	0.00	89	0.00	109	0.00
10	3.04	30	0.00	50	1.34	70	18.5_	90	1.01	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.87	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	26.18	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	1.25	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	1.86	95	0.00	115	0.00
16	0.00	36	1.18	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	8.62	57	0.00	77	7.58	97	1.69	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1711.63

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 52
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1000 FT DATE 11/03/69 TIME 1115 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2302.00	21	1.14	41	0.00	61	0.00	81	0.00	101	0.23
2	84.11	22	3.16	42	0.00	62	0.00	82	0.00	102	0.00
3	25.50	23	1.88	43	0.00	63	0.00	83	0.21	103	0.00
4	32.41	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.02	25	3.02	45	0.00	65	0.00	85	0.00	105	0.00
6	35.75	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	14.60	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	42.01	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.21	109	0.00
10	18.14	30	3.31	50	0.00	70	2.05	90	1.61	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	8.25	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	8.33	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	31.91	75	0.00	95	0.25	115	0.00
16	0.00	36	6.39	56	0.00	76	0.21	96	0.00	116	0.00
17	0.00	37	2.33	57	0.00	77	3.40	97	2.86	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.18	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2608.46

EL MONTE ALTITUDE 700 FT DATE 11/03/69 TIME 1117 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1984.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	22.69	22	1.35	42	0.00	62	0.00	82	0.00	102	0.00
3	9.69	23	0.57	43	0.27	63	0.00	83	0.00	103	0.00
4	9.72	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.51	25	1.19	45	0.00	65	0.00	85	0.00	105	0.00
6	15.94	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	7.30	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	18.70	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.13	109	0.00
10	8.71	30	1.00	50	0.00	70	0.00	90	0.96	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	3.54	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.86	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.13	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.24	97	2.30	117	0.00
18	0.00	38	5.23	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.79	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2102.82

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 53
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 11/03/69 TIME 1350 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2471.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	60.55	22	2.09	42	3.36	62	1.27	82	0.00	102	0.00
3	35.71	23	0.00	43	1.65	63	0.00	83	0.00	103	0.00
4	44.73	24	0.00	44	0.00	64	0.00	84	2.33	104	0.00
5	0.00	25	2.86	45	0.00	65	0.00	85	0.00	105	0.00
6	21.93	26	0.00	46	0.00	66	0.69	86	0.00	106	0.00
7	14.22	27	0.00	47	3.93	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.89	69	0.00	89	0.00	109	0.00
10	10.75	30	1.36	50	0.00	70	0.00	90	4.26	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	5.45	32	0.00	52	0.52	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	17.92	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	1.66	55	28.81	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.67	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.66	97	3.71	117	0.00
18	0.00	38	0.00	58	0.00	78	2.56	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2748.54

COMMERCE ALTITUDE 1000 FT DATE 11/03/69 TIME 1352 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2426.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	63.73	22	1.81	42	0.00	62	0.00	82	0.00	102	0.00
3	21.43	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	51.49	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	4.68	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	15.35	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	20.60	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	43.01	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	12.12	30	0.00	50	0.00	70	5.29	90	0.00	110	0.00
11	0.00	31	0.00	51	2.00	71	0.00	91	0.00	111	0.00
12	5.75	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	2.21	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	6.09	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	3.58	76	0.00	96	0.00	116	0.00
17	0.00	37	0.53	57	4.87	77	0.00	97	0.63	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2691.16

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 54
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1500 FT DATE 11/03/69 TIME 1354 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2077.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	43.34	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	12.86	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	21.33	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.64	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	14.26	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	7.42	27	0.00	47	0.64	67	0.15	87	0.00	107	0.00
8	21.71	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	2.28	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	1.10	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.73	73	1.87	93	0.00	113	0.00
14	0.00	34	0.00	54	0.83	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	1.89	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.40	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2211.45

EL MONTE ALTITUDE 1500 FT DATE 11/03/69 TIME 1431 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2340.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	57.36	22	0.75	42	0.65	62	0.00	82	0.00	102	0.00
3	20.71	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	36.93	24	0.00	44	1.02	64	0.00	84	0.00	104	0.00
5	3.12	25	1.11	45	0.00	65	0.00	85	0.00	105	0.00
6	23.03	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	12.36	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	35.08	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	3.65	30	1.15	50	0.00	70	1.46	90	1.96	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.99	32	0.00	52	0.47	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.66	73	3.46	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	1.32	55	15.83	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.04	97	1.29	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2567.39

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 55
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1100 FT DATE 11/03/69 TIME 1433 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2066.00	21	0.00	41	0.00	61	0.00	81	1.52	101	0.00
2	57.36	22	0.73	42	1.71	62	0.00	82	0.00	102	0.00
3	26.43	23	0.29	43	0.72	63	0.00	83	0.00	103	0.00
4	36.41	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.20	25	2.07	45	0.00	65	0.00	85	0.00	105	0.00
6	21.93	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	13.60	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	37.16	28	0.00	48	0.00	68	0.22	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	3.77	30	0.73	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.62	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.44	73	3.64	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	1.54	55	5.87	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.80	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.44	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2290.19

EL MONTE ALTITUDE 700 FT DATE 11/03/69 TIME 1435 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2300.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	57.36	22	0.72	42	0.00	62	0.00	82	0.00	102	0.00
3	25.00	23	0.23	43	0.00	63	0.00	83	0.00	103	0.00
4	36.41	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.64	25	0.72	45	0.00	65	0.00	85	0.00	105	0.00
6	21.93	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	14.42	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	41.76	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.55	69	0.00	89	0.00	109	0.00
10	4.45	30	0.00	50	0.00	70	3.35	90	1.58	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.62	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.76	55	7.73	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.39	97	1.63	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.18	99	0.00	119	0.00
20	0.00	40	0.83	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2529.25

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 56
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 11/04/69 TIME 0837 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3502.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	103.89	22	1.42	42	0.00	62	0.00	82	0.00	102	0.00
3	73.57	23	1.02	43	0.00	63	0.00	83	0.00	103	0.00
4	45.77	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	17.16	25	2.52	45	0.00	65	0.00	85	0.00	105	0.00
6	82.25	26	0.00	46	1.60	66	0.00	86	0.00	106	0.00
7	20.19	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	75.16	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	5.54	30	1.49	50	0.00	70	2.40	90	2.74	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	2.26	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	7.67	93	0.00	113	0.00
14	0.00	34	0.00	54	1.08	74	0.00	94	0.00	114	0.00
15	0.00	35	2.45	55	7.78	75	0.00	95	0.00	115	0.00
16	0.00	36	1.44	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.97	97	2.48	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3965.84

COMMERCE ALTITUDE 700 FT DATE 11/04/69 TIME 0838 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1861.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	25.49	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	15.60	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	7.83	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	17.96	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1927.88

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 57
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1500 FT DATE 11/04/69 TIME 0841 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1751.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	18.48	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	8.57	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	10.92	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.12	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	5.48	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	4.12	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	12.11	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	1.25	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	1.69	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1816.73

EL MONTE ALTITUDE 1500 FT DATE 11/04/69 TIME 0847 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1771.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	14.02	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	10.40	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	6.58	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	4.12	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	9.60	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.45	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1816.17

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 58
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1100 FT DATE 11/04/69 TIME 0849 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	0.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	17.85	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	8.57	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	10.40	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	10.97	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	6.18	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	8.35	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 62.31

EL MONTE ALTITUDE 700 FT DATE 11/04/69 TIME 0851 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2103.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	37.60	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	16.43	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	21.85	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.20	25	0.00	45	0.00	65	0.28	85	0.00	105	0.00
6	16.45	26	1.17	46	0.00	66	0.00	86	0.00	106	0.00
7	8.24	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	22.97	28	0.00	48	0.38	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	3.49	30	0.00	50	0.00	70	2.34	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.13	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	5.75	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	5.99	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.24	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2253.51

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 59
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 11/04/69 TIME 1042 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3420.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	107.71	22	3.13	42	0.00	62	1.77	82	0.00	102	0.00
3	55.71	23	1.28	43	2.20	63	0.00	83	0.00	103	0.00
4	71.78	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	10.40	25	2.92	45	0.00	65	0.00	85	0.00	105	0.00
6	54.83	26	0.00	46	0.00	66	0.59	86	0.00	106	0.00
7	21.43	27	0.00	47	3.88	67	0.49	87	0.00	107	0.00
8	70.57	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	13.42	30	2.92	50	0.00	70	5.35	90	4.14	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	6.79	32	0.00	52	0.86	72	0.00	92	0.00	112	0.00
13	0.00	33	3.38	53	0.00	73	12.82	93	0.00	113	0.00
14	0.00	34	0.00	54	2.73	74	0.00	94	0.00	114	0.00
15	0.00	35	2.86	55	17.41	75	0.00	95	0.00	115	0.00
16	0.00	36	1.25	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.49	57	0.00	77	3.53	97	3.85	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	1.34	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3911.82

COMMERCE ALTITUDE 1000 FT DATE 11/04/69 TIME 1044 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3427.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	111.54	22	2.93	42	0.00	62	2.37	82	0.00	102	0.00
3	64.28	23	1.55	43	2.10	63	0.00	83	0.00	103	0.00
4	75.42	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	10.92	25	9.94	45	0.00	65	0.00	85	0.00	105	0.00
6	67.99	26	0.00	46	0.00	66	0.26	86	0.00	106	0.00
7	20.60	27	0.00	47	3.85	67	0.71	87	0.00	107	0.00
8	75.16	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	1.18	49	0.00	69	0.00	89	0.00	109	0.00
10	14.81	30	2.01	50	0.00	70	5.26	90	5.19	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	5.88	32	0.00	52	0.00	72	1.12	92	0.00	112	0.00
13	0.00	33	0.00	53	1.82	73	18.82	93	0.00	113	0.00
14	0.00	34	0.00	54	2.04	74	0.00	94	0.00	114	0.00
15	0.00	35	3.89	55	25.18	75	0.00	95	0.00	115	0.00
16	0.00	36	1.55	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.82	57	0.00	77	3.84	97	4.42	117	0.00
18	0.00	38	0.00	58	0.00	78	0.63	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	1.69	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3976.76

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 60
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1500 FT DATE 11/04/69 TIME 1046 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1515.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	12.11	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1527.11

EL MONTE ALTITUDE 1500 FT DATE 11/04/69 TIME 1131 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2563.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	71.38	22	1.99	42	0.00	62	0.00	82	0.00	102	0.00
3	44.28	23	0.00	43	1.23	63	1.04	83	0.00	103	0.00
4	36.41	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	9.36	25	3.54	45	0.00	65	0.00	85	0.00	105	0.00
6	46.06	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	14.42	27	0.00	47	0.00	67	0.59	87	0.00	107	0.00
8	58.04	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	10.69	30	2.47	50	0.00	70	4.30	90	2.39	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	3.87	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	8.67	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	3.27	55	11.55	75	0.00	95	0.00	115	0.00
16	0.00	36	1.06	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.56	57	0.00	77	2.61	97	2.05	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	1.08	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2905.90

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 61
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 1100 FT DATE 11/04/69 TIME 1133 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3482.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	116.63	22	4.80	42	0.00	62	13.29	82	0.00	102	0.00
3	60.00	23	2.29	43	2.95	63	0.00	83	0.00	103	0.00
4	68.14	24	0.00	44	0.00	64	3.52	84	0.00	104	0.00
5	10.40	25	5.59	45	0.00	65	0.00	85	0.00	105	0.00
6	75.67	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	23.90	27	0.00	47	6.80	67	0.44	87	0.00	107	0.00
8	78.50	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	13.05	30	2.91	50	1.64	70	6.53	90	4.97	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	6.96	32	0.00	52	0.00	72	1.03	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	16.78	93	0.00	113	0.00
14	0.00	34	0.00	54	2.16	74	0.00	94	0.00	114	0.00
15	0.00	35	7.31	55	40.78	75	0.00	95	0.00	115	0.00
16	0.00	36	2.53	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.53	57	0.00	77	4.37	97	4.09	117	0.00
18	0.00	38	0.00	58	0.00	78	1.01	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	3.28	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4075.84

EL MONTE ALTITUDE 700 FT DATE 11/04/69 TIME 1135 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3571.00	21	0.11	41	0.00	61	0.00	81	0.00	101	0.00
2	118.23	22	1.69	42	0.00	62	0.36	82	0.00	102	0.00
3	65.36	23	0.74	43	1.22	63	0.00	83	0.00	103	0.00
4	67.62	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	8.32	25	2.21	45	0.00	65	0.00	85	0.00	105	0.00
6	65.80	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	20.60	27	0.00	47	1.22	67	0.32	87	0.00	107	0.00
8	75.16	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	8.13	30	1.97	50	0.00	70	2.73	90	0.00	110	0.00
11	0.00	31	0.00	51	0.12	71	0.00	91	0.00	111	0.00
12	5.40	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.46	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	2.40	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.45	57	0.00	77	1.50	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	1.07	60	0.12	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4024.30

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 62
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 700 FT DATE 11/04/69 TIME 1429 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2183.00	21	1.37	41	0.00	61	0.00	81	0.28	101	0.26
2	47.60	22	2.58	42	0.00	62	0.31	82	0.00	102	0.00
3	12.58	23	1.39	43	14.32	63	0.00	83	0.00	103	0.00
4	35.36	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	2.77	45	0.00	65	0.00	85	0.00	105	0.00
6	19.33	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	16.94	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	38.40	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.18	109	0.00
10	0.00	30	1.92	50	0.00	70	1.52	90	1.44	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	6.87	93	0.00	113	0.00
14	0.00	34	0.00	54	0.27	74	0.00	94	0.00	114	0.00
15	0.00	35	0.57	55	24.28	75	0.00	95	0.14	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	2.44	57	1.33	77	2.66	97	3.61	117	0.00
18	0.00	38	1.04	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	2.68	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	1.19	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2428.62

COMMERCE ALTITUDE 1000 FT DATE 11/04/69 TIME 1431 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2382.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	56.72	22	0.34	42	0.00	62	0.00	82	0.00	102	0.00
3	20.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	40.57	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.96	45	0.00	65	0.00	85	0.00	105	0.00
6	21.93	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	12.36	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	34.66	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	2.03	30	0.00	50	0.00	70	1.15	90	0.00	110	0.00
11	0.00	31	0.63	51	0.00	71	0.00	91	0.00	111	0.00
12	1.12	32	0.00	52	0.52	72	0.00	92	0.40	112	0.00
13	0.00	33	0.00	53	0.27	73	2.33	93	0.00	113	0.00
14	0.00	34	0.00	54	0.33	74	0.00	94	0.00	114	0.00
15	0.00	35	0.29	55	4.81	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.38	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2583.79

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 63
CONCENTRATION OF C1 TO C10 HYDROCARBONS

COMMERCE ALTITUDE 1500 FT DATE 11/04/69 TIME 1433 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1506.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	19.12	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.17	63	0.00	83	0.00	103	0.00
4	10.40	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	4.16	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	8.77	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	4.12	27	0.00	47	0.13	67	0.00	87	0.00	107	0.00
8	8.77	28	0.00	48	0.15	68	0.17	88	0.00	108	0.00
9	0.00	29	0.00	49	0.23	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.94	90	0.00	110	0.00
11	0.00	31	0.00	51	0.67	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.58	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	2.78	93	0.00	113	0.00
14	0.00	34	0.00	54	0.42	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	3.53	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.28	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1571.39

EL MONTE ALTITUDE 1100 FT DATE 11/04/69 TIME 1511 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1905.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	35.05	22	0.93	42	0.00	62	0.00	82	0.00	102	0.00
3	15.71	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	22.37	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.60	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	16.45	26	0.00	46	0.00	66	0.58	86	0.00	106	0.00
7	9.89	27	0.00	47	1.41	67	0.00	87	0.00	107	0.00
8	32.15	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.65	49	0.00	69	0.00	89	0.00	109	0.00
10	8.87	30	0.00	50	3.45	70	0.00	90	2.34	110	0.00
11	0.00	31	0.00	51	2.39	71	0.00	91	0.00	111	0.00
12	2.55	32	0.00	52	2.94	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	16.15	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	46.35	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2127.83

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/03/69- 64
CONCENTRATION OF C1 TO C10 HYDROCARBONS

EL MONTE ALTITUDE 700 FT DATE 11/04/69 TIME 1514 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	0.00	21	1.20	41	0.00	61	1.00	81	0.00	101	0.18
2	26.02	22	3.19	42	0.00	62	0.00	82	0.00	102	0.00
3	13.60	23	1.80	43	3.56	63	3.57	83	0.21	103	0.00
4	23.57	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	5.58	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	3.13	66	0.00	86	0.00	106	0.00
7	10.43	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	9.97	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.13	109	0.00
10	15.57	30	2.94	50	0.00	70	2.36	90	3.40	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	8.53	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	5.54	73	8.38	93	0.00	113	0.00
14	0.00	34	0.00	54	4.84	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	25.36	75	0.00	95	0.23	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.20	97	2.53	117	0.00
18	0.00	38	0.00	58	3.07	78	0.00	98	0.18	118	0.00
19	0.00	39	0.00	59	0.00	79	0.40	99	0.00	119	0.00
20	0.29	40	1.23	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 195.18

EL MONTE ALTITUDE 700 FT DATE 11/04/69 TIME 1515 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1786.00	21	0.94	41	0.00	61	0.00	81	0.00	101	0.00
2	37.76	22	3.18	42	0.00	62	1.83	82	0.00	102	0.00
3	13.60	23	2.39	43	3.73	63	1.76	83	0.22	103	0.00
4	25.93	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.51	25	5.25	45	0.00	65	0.00	85	0.00	105	0.00
6	24.64	26	0.00	46	3.26	66	8.79	86	0.00	106	0.32
7	15.64	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	32.41	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.30	109	0.00
10	18.11	30	3.17	50	0.40	70	2.36	90	1.84	110	0.00
11	0.00	31	0.00	51	0.51	71	0.00	91	0.00	111	0.00
12	9.51	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	5.28	73	9.63	93	0.00	113	0.00
14	0.00	34	0.00	54	7.19	74	0.00	94	0.00	114	0.00
15	0.58	35	1.66	55	35.35	75	0.00	95	0.26	115	0.00
16	0.00	36	5.34	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.55	97	3.53	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.39	99	0.00	119	0.00
20	0.24	40	6.16	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2084.51

Data on ESSA Cooperative Samples

This section contains data for the time and location at which Tedlar bag samples were collected by ESSA and the results of analyses of the samples performed by Scott. The oxidant values measured by ESSA are also included. The parameters represented by the coding used in the data column headings are listed below. The abbreviations used in the location descriptions are given on the next page.

Parameter Coding Index

TIME - Time of day, PST
ALT - Altitude above mean sea level, feet
OX - Total oxidant, pphm
NO - Nitric oxide, ppb
NO2 - Nitrogen dioxide, ppb
CO - Carbon monoxide, pptm (ppm x 10)
BAG - Bag number for reference to hydrocarbon data

ESSA Program Location Abbreviations

BV	Beaunavista Rd.
CA	Cable Airport
EPB	El Paso Blvd.
ERB	Eaglerock Blvd.
FHB	Foothills Blvd.
FHF	Foothills Freeway
GF	Glendale Freeway
GSF	Golden State Freeway
HF	Harbor Freeway
HWF	Hollywood Freeway
LA	Los Angeles
LAB	Los Angeles Blvd.
LAW	Los Angeles Wash
LAX	Los Angeles International Airport
LB	Long Beach
LBA	Long Beach Airport
LBF	Long Beach Freeway
LBH	Long Beach Harbor
LWB	Lakewood Blvd.
PF	Pasadena Freeway
PMF	Pomona Freeway
SA	Santa Ana
SBF	San Bernardino Freeway
SDF	San Diego Freeway
SFFCB	Sante Fe Flood Control Basin

ESSA Cooperative Sample Data

DATE	TIME	LOCATION	ALT	OX	NO	NO2	CO	BAG
9/19	1035	Prop Wash Profile - SFFCB	1000	10	18	101	19	7001
9/19	1043	Prop Wash Profile - SFFCB	500	10	27	133	21	7002
9/19	1049	Prop Wash Profile - SFFCB	2000	10	22	69	20	7003
9/19	1053	Prop Wash Profile - SFFCB	1250	10	17	86	20	7004
9/19	1058	Prop Wash Profile - SFFCB	700	7	24	98	21	7005
9/19	1104	Prop Wash Profile - SFFCB	1500		29	125	21	7006
9/19	1330	LBF & SBF	1250		76	139	30	7007
9/19	1424	Duarte	2000	20	74	133	18	7008
9/19	1450	Ontario Airport	3300	10	4	42	12	7009
9/19	1457	Pomona County Fairgrounds	150	25	14	86	18	7010
9/19	1505	West Covina	3120	9	1	18	12	7011
9/19	1510	Puente Ave. & SBF	150	22	14	61	32	7012
9/23	0850	SDF & LBF	400	5	10	64	17	7020
9/23	0856	2 mi west of Lincoln Park	1100	6	32	188	48	7021
9/23	0916	Lincoln School	1100	8	100	258	42	7022
9/23	0935	El Monte	600	7	23	156	28	7023
9/23	1029	1 mi SSE of Rose Bowl	1900	13	23	114	40	7024
9/23	1108	2 mi E of Rose Bowl	1500	18			50	7025
9/23	1139	La Canada	3000	5	6	20	38	7026
9/23	1148	2 mi S of Rose Bowl	1200	20	16	48	23	7027
9/23	1300	Commerce	1300	16	28	66	13	7028
9/23	1350	.1 mi S of Ramona Parkway & LAW	1350	25	16	48	18	7029

ESSA Cooperative Sample Data

DATE	TIME	LOCATION	ALT	OX	NO	NO2	CO	BAG
9/23	1422	.2 mi W of Windall Park	1450	30	13	93	21	7030
9/23	1521	3 mi N of El Monte	820	20	20	42	21	7031
9/23	1545	BV & FHF	1150	20	24	48	27	7032
9/24	0713	Civic Center	850		90	130	64	7033
9/24	0735	City National Bank	1100		165	179	78	7034
9/24	0809	Temple & 3rd St.	700		76	177	83	7035
9/24	0934	E. of Dodger Stadium & LAW	950		23	360	80	7036
9/24	1010	Stadium Lane	1000		14	221	70	7037
9/24	1401	Santa Anita Racetrack	1000	50	15	42	37	7038
9/24	1504	PF & Rt. 57	2620	75	10	18	29	7039
9/25	0655	Calzona St. & LBF	450	5	37	148	50	7040
9/25	0727	San Fernando Rd. & GF	820	5	17	25	44	7041
9/25	0902	El Monte	3000	10	21	236	5	7042
9/25	0950	.5 mi S of Dodger Stadium	1100	13			84	7043
9/25	1014	GSF & LA River	1250	15	16	201	82	7044
9/25	1036	.3 mi S of ERB & EPB	2000	16	27	147	61	7045
9/25	1213	Rose Bowl	2500	45	35	50	49	7046
9/25	1255	LAX Air Corridor Over Beach	200	12	12	42	8	7047
9/25	1302	Redondo Beach Launch Site	300	12	42	55	13	7048
9/25	1351	LAB 2 mi NE of Almo St.	550	10	32	91	13	7049
9/25	1418	El Monte	2500	60	21	47	43	7050

ESSA Cooperative Sample Data

DATE	TIME	LOCATION	ALT	OX	NO	NO2	CO	BAG
9/26	0712	Commerce	840	6	110	113	43	7051
9/26	0758	Commerce	850	6	132	147	52	7052
9/26	0919	SBF & New Ave.	850	7	23	147	50	7053
9/26	1052	.3 mi N of Mt. Washington	1000	12	33	247		7054
9/26	1232	Pasadena	1500	25	27	55	43	7055
9/26	1247	Rose Bowl	2600	38				7056
9/26	1308	1 mi ENE of Commerce	1100	15	10	121	36	7057
9/26	1412	Montebello	2400	40	4	17	23	7058
9/26	1453	.1 mi S of FHB	1100	30	8	47	48	7058
9/27	0709	.1 mi N of LBH, Pier B	550	4	23	98	13	7060
9/27	0750	Women's Prison, LB	400	6	13	75	13	7061
9/27	1013	Rosecrans Ave. & LWB	600	12	10	108	34	7062
9/27	1036	San Gabriel	3000	9	29	25	0	7063
9/27	1044	San Gabriel	2000	30	17	23	13	7064
9/27	1046	San Gabriel	1700	20	26	67	37	7065
9/27	1200	1.5 mi NE of Rts. 405 & 39	900	25	12	65	22	7066
9/27	1215	1 mi NE of U.S.M.C. Field, SA	1000	22	14	49	25	7067
9/27	1506	Rosecrans Ave. & LBF	700	15	11	32	10	7068
9/27	1525	Commerce	700	15	16	38	16	7069
9/28	1107	1 mi N of Rose Bowl	2420	5	13	18	0	7070
9/28	1113	1 mi N of Rose Bowl	1370	20	19	26	18	7071
9/28	1126	Santa Anita Racetrack	1100	35	22	27	32	7072

ESSA Cooperative Sample Data

DATE	TIME	LOCATION	ALT	OX	NO	NO2	CO	BAG
9/28	1223	Francisquito St. & SBF	700	45	22	30	33	7073
9/28	1243	Santa Anita Racetrack	1100	45	5	21	21	7074
9/28	1300	Santa Anita Racetrack	2300	10	21	17	5	7075
9/28	1323	Mt. Thom	2750	7	38	32	10	7076
9/28	1338	Mt. Thom	2850	40	27	32	0	7077
9/28	1720	.2 mi W of Mt. Thom	2500	7	22	38	34	7078
9/29	0857	Commerce	650	15	48	378	117	7079
9/29	0924	Commerce	1300	25	15	30	31	7080
9/29	0936	Whittier & Atlantic Blvds.	620	20	40	351	114	7081
9/29	1001	Atlantic Blvd. & PMF	750	30	20	307	123	7082
9/29	1024	.3 mi E of Dodger Stadium	1150	45	23	48	89	7083
9/29	1131	Rose Bowl	1250	50	8	22	72	7084
9/29	1225	Arroyo Seco Canyon	2200	55	11	29	37	7085
9/29	1318	Big Santa Anita Reservoir	2000	75	7	20	47	7086
9/29	1406	Glendora Country Club	1500	58	14	19	14	7087
9/29	1547	2 mi S of Santa Monica	100	12	9	17	5	7088
9/29	1553	Hermosa Beach Pier	60	12	17	19		7089
9/30	0650	LAW due N of LBA	450	7	126	96	57	7090
9/30	0657	.5 mi S of Downtown LA	1300	7	19	89	13	7091
9/30	0721	1st & Main Sts.	1500	10	8	22	8	7092
9/30	0724	1st & Main Sts.	1000	9	8	32	11	7093

ESSA Cooperative Sample Data

DATE	TIME	LOCATION	ALT	OX	NO	NO2	CO	BAG
9/30	1155	.2 mi W of HF at 8th St.	1750	30	35	39	15	7094
9/30	1237	Arroyo Seco Park	1900	30	33	55	22	7095
9/30	1254	1 mi N of Rose Bowl	1200	62	27	36	36	7096
9/30	1425	CA	2600	60	10	27	26	7097
10/1	0739	Dodger Stadium	750	10	300	192	107	7098
10/1	0758	Dodger Stadium	640	12	30	113	29	7099
10/1	0808	SBF & Hill St.	1000	8	19	35	2	7101
10/1	0835	HWF & Vermont Ave.	800	72	252	333	171	7102
10/1	0900	GF & GSF	1350	15	90	374	97	7103
10/1	1044	1 mi E of Glendale College	1500	30	21	122	66	7104
10/1	1055	1 mi E of Glendale College	1750	30	26	85	66	7105
10/1	1259	1 mi S of Van Norman Reservoir	1200	40	24	34	28	7106
10/1	1506	Miramar & Mills Aves.	2100	20	29	41	9	7107
10/1	1900	Gilfillan Airport	1900	28	22	31	9	7108
10/1	1610	SA & LAW	675	10	18	84	35	7109
10/1	1613	Santa Monica & LAW	675	10	10	58	28	7110
10/1	1617	Soto St. & LAW	675	10	12	107	35	7111
10/2	0652	Marineland	500	7	12	20	2	7150
10/2	0744	New Calvary Cemetary	1400	4	14	39	10	7151
10/2	0828	Dodger Stadium	1200	4	37	56	14	7152
10/2	1032	LB Balloon Site	800	6	9	16	2	7153

ESSA Cooperative Sample Data

DATE	TIME	LOCATION	ALT	OX	NO	NO2	CO	BAG
10/2	1233	LB Balloon Site	1250	8	10	54	7	7154
10/2	1316	Florence Ave. & State St.	1400	9	9	38	7	7155

C_1 to C_{10} Hydrocarbons Measured in ESSA Cooperative Samples

This section contains data on the concentrations of C_1 to C_{10} hydrocarbons in air samples collected aloft by ESSA and analyzed by gas chromatography at the ground sites. For additional data on these samples refer to pages 3-249 to 3-254. The hydrocarbons represented by the peak numbers used in the data file are shown in the table below. A concentration of 0.00 ppb usually indicates a concentration below the limit of detection (<1 ppb), but it is also used to denote data not available.

C_1 to C_{10} Hydrocarbon Peak Number Index

Peak No.	Compound	Peak No.	Compound	Peak No.	Compound
1	Methane	40		81	
2	Ethane	41	2,2,4-Trimethylpentane	82	
3	Ethylene	42	1-Heptene + ?	83	Isopropylbenzene
4	Propane	43	n-Heptane	84	
5	Propylene	44		85	
6	Acetylene	45		86	
7	Isobutane	46	Methylcyclohexane	87	
8	Butane	47		88	
9	Butenes	48		89	n-Propylbenzene
10	Isopentane	49	2,4-Dimethylhexane	90	4-Ethyltoluene
11	1-Pentene +	50	2,5-Dimethylhexane	91	3-Ethyltoluene
	2-Methyl-1 Butene	51		92	
12	n-Pentane	52		93	1,3,5-Trimethylbenzene
13	trans-2-Pentene	53		94	2-Ethyltoluene
14	cis-2-Pentene	54	2,3,4-Trimethylpentane	95	
15	2-Methyl-2-butene	55	Toluene	96	tert-Butylbenzene
16	2,2-Dimethylbutane	56		97	1,2,4-Trimethylbenzene
17		57		98	
18		58		99	n-Decane
19	Cyclopentene	59		100	sec-Butylbenzene
20	Cyclopentane	60		101	Isobutylbenzene
21	2,3-Dimethylbutane	61		102	
22	2-Methylpentane	62	n-Octane	103	
23	3-Methylpentane	63		104	
24	1-Hexene	64		105	
25	n-Hexane	65		106	
26	trans-3-Hexene	66		107	
27	trans-2-Hexene	67		108	n-Butylbenzene
28	cis-3-Hexene	68		109	
29	cis-2-Hexene	69		110	
30	Methylcyclopentane	70	Ethylbenzene	111	
31	2,4-Dimethylpentane	71		112	
32		72		113	
33		73	m + p-Xylene	114	n-Undecane
34		74		115	
35	Benzene + Cyclohexane	75		116	
36	2-Methylhexane +	76		117	
	2,3-Dimethylpentane	77	o-Xylene	118	
37	3-Methylhexane	78		119	
38		79		120	
39		80	n-Nonane		

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SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 1
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/19/69 BAG NUMBER7001

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2199.00	21	0.00	41	0.00	61	0.00	81	13.57	101	0.00
2	31.87	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	15.71	23	0.00	43	0.97	63	0.00	83	0.00	103	0.00
4	17.68	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.38	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	15.35	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	6.18	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	16.70	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	8.85	30	0.00	50	0.00	70	4.92	90	1.02	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	6.03	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	11.25	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	1.16	116	0.00
17	0.00	37	0.00	57	0.00	77	6.60	97	1.56	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	32.36	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2394.16

ESSA DATE 09/19/69 BAG NUMBER7002

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2254.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	29.32	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.72	63	0.00	83	0.00	103	0.00
4	16.38	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.08	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	21.93	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.04	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	16.70	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	8.33	30	0.00	50	0.00	70	2.34	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.25
13	0.00	33	0.00	53	0.00	73	6.44	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	8.83	75	0.00	95	0.00	115	0.00
16	0.00	36	9.16	56	0.00	76	0.00	96	1.02	116	0.00
17	0.00	37	0.00	57	0.00	77	7.79	97	0.70	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2394.03

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 2
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/19/69 BAG NUMBER7004

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2342.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	27.41	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	7.14	23	0.00	43	1.21	63	0.00	83	0.00	103	0.00
4	17.16	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.20	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	21.93	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	10.10	27	0.00	47	0.00	67	2.22	87	0.00	107	0.00
8	16.49	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	11.77	30	0.00	50	0.00	70	0.72	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.95	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	7.62	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	8.86	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2480.78

ESSA DATE 09/19/69 BAG NUMBER7008

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2130.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	33.78	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	8.57	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	11.96	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.20	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	8.77	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	9.07	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	16.29	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2223.64

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 3
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/23/69 BAG NUMBER7020

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1561.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	12.75	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	12.86	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	11.96	24	0.00	44	0.51	64	0.00	84	0.00	104	0.00
5	6.24	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	17.55	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	10.30	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	27.14	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.64	30	0.00	50	0.00	70	0.88	90	0.29	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	2.22	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	7.96	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.33	97	0.61	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1677.23

ESSA DATE 09/23/69 BAG NUMBER7021

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1972.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	44.61	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	35.71	23	0.00	43	1.73	63	0.00	83	0.00	103	0.00
4	23.15	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	7.80	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	32.35	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	7.83	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	26.93	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	11.24	30	0.00	50	0.00	70	1.31	90	1.70	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.53	73	4.33	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	9.24	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.08	97	1.28	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	6.40	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2190.22

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 4
CONCENTRATION OF C1 TO C10 HYDROCARBONS

FSSA DATE 09/23/69 BAG NUMBER7022

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2081.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	44.61	22	0.00	42	0.00	62	0.00	82	0.00	102	0.91
3	35.71	23	0.00	43	2.34	63	0.00	83	0.00	103	0.00
4	31.21	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	4.68	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	32.90	26	0.00	46	0.80	66	0.00	86	0.00	106	0.00
7	11.13	27	0.00	47	0.00	67	1.20	87	0.00	107	0.21
8	29.23	28	0.00	48	0.00	68	0.00	88	0.00	108	0.50
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.42
10	12.27	30	0.00	50	0.00	70	1.81	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	2.60	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.11	73	6.34	93	0.00	113	0.26
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	16.60	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.24	97	2.15	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.87	118	0.00
19	0.00	39	0.00	59	0.00	79	0.22	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2322.31

FSSA DATE 09/23/69 BAG NUMBER7023

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2197.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	52.26	22	1.23	42	0.00	62	0.00	82	0.00	102	0.38
3	26.43	23	0.43	43	2.11	63	0.00	83	0.00	103	0.00
4	31.21	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	10.40	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	26.32	26	0.00	46	2.75	66	0.00	86	0.00	106	0.00
7	9.48	27	0.00	47	0.00	67	0.00	87	0.00	107	0.08
8	20.88	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.08	109	0.00
10	8.82	30	1.41	50	0.00	70	0.58	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	2.28	111	0.00
12	3.98	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	9.18	93	0.00	113	0.66
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.47
15	0.00	35	0.00	55	13.07	75	0.00	95	0.00	115	0.30
16	0.00	36	2.03	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	3.91	77	5.18	97	2.06	117	0.00
18	0.00	38	0.00	58	0.00	78	0.18	98	1.20	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2436.34

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 5
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/23/69 BAG NUMBER7024

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2432.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	44.61	22	0.00	42	0.00	62	0.46	82	0.00	102	0.00
3	24.64	23	0.00	43	3.40	63	0.81	83	0.00	103	0.00
4	18.46	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.20	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	27.42	26	0.00	46	1.14	66	0.00	86	0.00	106	0.00
7	8.04	27	0.00	47	0.00	67	0.97	87	0.00	107	0.00
8	22.97	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	9.58	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.73	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.17	73	9.12	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	15.67	75	0.00	95	0.00	115	0.31
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.18	97	1.38	117	0.00
18	0.00	38	0.00	58	1.31	78	0.00	98	0.47	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2633.04

ESSA DATE 09/23/69 BAG NUMBER7025

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2396.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	39.83	22	0.00	42	0.00	62	0.62	82	2.56	102	0.19
3	32.14	23	0.00	43	3.29	63	0.82	83	0.00	103	0.00
4	25.49	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	6.24	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	32.90	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.24	27	0.00	47	0.00	67	1.32	87	0.00	107	0.18
8	27.56	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.19	109	0.00
10	12.54	30	0.00	50	0.00	70	8.63	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	2.43	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	21.46	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	13.94	75	0.00	95	0.16	115	0.00
16	0.00	36	0.00	56	0.00	76	1.04	96	0.00	116	0.00
17	0.00	37	0.00	57	3.21	77	3.67	97	1.99	117	0.00
18	0.00	38	0.00	58	0.94	78	0.00	98	1.01	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	2.21	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2650.79

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 6
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/23/69 BAG NUMBER7026

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2393.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	35.05	22	1.73	42	0.00	62	0.53	82	0.00	102	0.00
3	22.86	23	0.88	43	1.05	63	0.92	83	0.00	103	0.00
4	16.64	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	27.42	26	0.00	46	1.38	66	0.00	86	0.00	106	0.00
7	6.18	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	20.98	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	10.33	30	1.72	50	0.00	70	3.12	90	0.00	110	0.00
11	0.00	31	5.96	51	0.00	71	0.00	91	1.39	111	0.00
12	3.24	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.11	53	0.00	73	6.33	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	11.94	75	0.00	95	0.00	115	1.82
16	0.00	36	3.22	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.17	57	2.06	77	7.36	97	0.88	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.49	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	1.35	119	0.00
20	0.00	40	0.09	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2590.09

ESSA DATE 09/23/69 BAG NUMBER7027

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1745.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	31.87	22	0.00	42	0.00	62	0.30	82	0.00	102	0.00
3	17.14	23	0.00	43	0.42	63	0.00	83	0.00	103	0.00
4	20.81	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.60	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	16.45	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.24	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	18.79	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	7.05	30	0.00	50	0.00	70	6.45	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.11	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	7.81	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	8.24	75	0.00	95	0.00	115	1.28
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	1.81	77	7.45	97	1.00	117	0.00
18	0.00	38	0.00	58	0.85	78	0.00	98	0.50	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	4.49	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1909.65

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 7
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/23/69 BAG NUMBER7028

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1880.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	22.31	22	0.00	42	0.00	62	0.30	82	0.00	102	0.00
3	7.86	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	14.30	24	0.00	44	0.36	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	10.97	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.09	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	10.23	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	2.69	30	0.00	50	0.00	70	0.00	90	0.46	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	8.26	75	0.00	95	0.00	115	1.47
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.39	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.38	119	0.00
20	0.00	40	4.92	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1967.98

ESSA DATE 09/23/69 BAG NUMBER7029

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1839.00	21	0.00	41	0.00	61	0.00	81	0.00	101	13.28
2	23.26	22	0.00	42	0.00	62	0.00	82	7.33	102	0.00
3	10.71	23	0.00	43	9.59	63	0.00	83	8.47	103	8.63
4	15.08	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.30	25	0.00	45	0.00	65	0.00	85	5.10	105	0.00
6	10.97	26	0.00	46	101.39	66	0.00	86	5.34	106	0.00
7	5.15	27	0.00	47	0.00	67	1.55	87	6.01	107	0.00
8	12.74	28	0.00	48	8.01	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	6.79	109	0.00
10	0.00	30	0.00	50	0.00	70	19.70	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	7.46	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	3.97	112	0.00
13	0.00	33	4.43	53	0.00	73	27.68	93	0.00	113	0.39
14	0.00	34	0.00	54	0.00	74	0.00	94	10.83	114	0.00
15	0.00	35	1.59	55	13.29	75	0.00	95	6.61	115	1.79
16	0.00	36	0.00	56	0.00	76	0.86	96	9.53	116	0.00
17	0.00	37	17.10	57	3.75	77	18.02	97	9.76	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	8.63	118	0.00
19	0.00	39	42.89	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2307.97

CONCENTRATION OF C1 TO C10 HYDROCARBONS

SSA DATE 09/23/69 BAG NUMBER7030

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2432.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	44.61	22	1.77	42	0.00	62	0.00	82	0.00	102	0.00
3	28.57	23	0.35	43	0.00	63	0.00	83	2.89	103	0.00
4	18.72	24	0.00	44	0.53	64	0.00	84	0.00	104	0.00
5	10.40	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	16.45	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.24	27	0.00	47	0.00	67	1.41	87	0.00	107	0.00
8	28.19	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	8.96	30	0.00	50	0.00	70	0.00	90	1.27	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	2.94	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	7.57	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.82	55	10.28	75	0.00	95	0.00	115	5.69
16	0.00	36	1.59	56	0.00	76	0.00	96	1.66	116	0.00
17	0.00	37	0.00	57	2.06	77	0.00	97	0.62	117	0.00
18	0.00	38	0.00	58	1.80	78	0.00	98	2.41	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2641.79

FSSA DATE 09/23/69 BAG NUMBER7031

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1931.00	21	1.73	41	0.00	61	0.00	81	0.00	101	0.50
2	22.49	22	4.17	42	0.00	62	1.04	82	0.00	102	0.00
3	12.71	23	2.58	43	1.25	63	0.00	83	0.00	103	0.00
4	20.17	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.32	25	5.02	45	0.00	65	0.00	85	0.00	105	0.00
6	16.63	26	0.00	46	1.86	66	0.00	86	0.00	106	0.00
7	4.56	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	14.77	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	30.07	30	4.43	50	1.72	70	3.18	90	4.01	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	13.23	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	1.47	53	3.62	73	12.08	93	0.27	113	0.00
14	0.00	34	4.51	54	4.62	74	0.00	94	0.00	114	0.10
15	0.00	35	2.86	55	39.79	75	0.00	95	0.37	115	1.30
16	0.00	36	3.47	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.93	57	0.00	77	3.22	97	6.06	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	1.99	79	0.00	99	0.72	119	0.00
20	0.00	40	7.57	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2193.38

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 9
CONCENTRATION OF C1 TO C10 HYDRCCARBONS

ESSA DATE 09/23/69 BAG NUMBER7032

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	0.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	23.27	22	1.95	42	0.00	62	0.00	82	0.00	102	0.00
3	14.20	23	1.06	43	0.94	63	0.00	83	0.00	103	0.00
4	22.89	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.76	25	2.10	45	0.00	65	0.00	85	0.00	105	0.00
6	18.60	26	0.00	46	1.91	66	0.00	86	0.00	106	0.00
7	6.71	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	16.83	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	11.40	30	2.19	50	0.00	70	1.15	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.89	111	0.00
12	4.07	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	2.39	53	0.00	73	5.24	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	2.57	55	13.06	75	0.00	95	0.00	115	0.00
16	0.00	36	1.37	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.22	97	2.73	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	1.96	79	0.00	99	0.00	119	0.00
20	0.00	40	0.57	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 164.02

ESSA DATE 09/24/69 BAG NUMBER7033

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2329.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	59.91	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	28.57	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	33.81	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	10.14	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	38.38	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	13.39	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	39.67	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2552.87

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 10
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/24/69 BAG NUMBER7034

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2318.00	21	2.35	41	0.00	61	0.00	81	9.07	101	0.00
2	0.00	22	8.69	42	2.22	62	0.26	82	0.00	102	0.00
3	45.00	23	3.57	43	0.00	63	0.00	83	0.00	103	0.00
4	46.81	24	0.00	44	2.89	64	0.00	84	0.00	104	0.00
5	10.40	25	5.51	45	0.00	65	0.00	85	0.00	105	0.00
6	54.83	26	0.00	46	4.46	66	0.00	86	3.85	106	0.00
7	16.48	27	0.00	47	0.00	67	1.11	87	4.37	107	0.00
8	47.19	28	0.00	48	0.00	68	7.77	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	28.05	30	0.00	50	0.00	70	6.68	90	6.75	110	0.00
11	0.00	31	0.00	51	2.44	71	0.00	91	0.00	111	0.00
12	12.69	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	7.86	53	0.00	73	24.55	93	13.24	113	0.40
14	0.00	34	0.00	54	3.15	74	0.00	94	0.00	114	1.38
15	0.00	35	0.00	55	26.57	75	0.00	95	0.00	115	1.30
16	0.00	36	5.00	56	0.00	76	2.49	96	0.00	116	0.00
17	0.00	37	2.72	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	10.40	98	0.00	118	0.00
19	40.69	39	0.73	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2791.91

ESSA DATE 09/24/69 BAG NUMBER7035

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2610.00	21	1.89	41	0.00	61	0.00	81	0.00	101	0.00
2	73.29	22	9.63	42	0.00	62	0.00	82	0.00	102	0.00
3	60.71	23	5.06	43	2.35	63	0.00	83	0.00	103	0.00
4	41.61	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	10.40	25	6.54	45	0.00	65	0.00	85	0.00	105	0.00
6	54.83	26	6.54	46	0.00	66	0.00	86	0.00	106	0.00
7	16.89	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	50.11	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	10.28	109	0.00
10	31.32	30	5.85	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	12.93	32	0.69	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	4.42	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.08	99	0.00	119	0.00
20	0.21	40	8.55	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3024.17

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 11
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/24/69 BAG NUMBER7036

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2581.00	21	2.16	41	0.00	61	0.00	81	0.00	101	0.00
2	76.48	22	9.76	42	4.03	62	0.00	82	0.00	102	0.00
3	39.28	23	5.89	43	0.00	63	0.00	83	0.00	103	0.00
4	52.01	24	0.00	44	3.02	64	0.00	84	0.00	104	0.00
5	14.56	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	54.83	26	5.97	46	0.00	66	0.00	86	0.00	106	0.00
7	14.01	27	0.00	47	4.79	67	0.00	87	0.00	107	0.00
8	50.11	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	6.33	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	2.21	71	0.00	91	0.00	111	0.00
12	13.44	32	0.00	52	1.19	72	0.00	92	0.00	112	0.00
13	0.00	33	10.26	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	6.28	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	42.46	75	0.00	95	0.00	115	0.00
16	0.00	36	6.40	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	3.71	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	1.03	59	0.00	79	0.00	99	0.00	119	0.00
20	1.15	40	0.51	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3012.86

ESSA DATE 09/24/69 BAG NUMBER7037

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2581.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	63.73	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	35.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	31.73	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	7.80	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	43.86	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	10.30	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	37.58	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2811.00

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 12
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/24/69 BAG NUMBER7038

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2352.00	21	2.64	41	1.59	61	0.00	81	0.00	101	0.00
2	63.10	22	9.39	42	0.00	62	0.00	82	0.00	102	0.00
3	21.43	23	1.85	43	1.86	63	0.00	83	0.00	103	0.00
4	41.09	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	4.16	25	4.02	45	0.00	65	0.00	85	0.00	105	0.00
6	27.42	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	14.01	27	0.00	47	3.72	67	0.00	87	0.00	107	0.00
8	54.28	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	15.91	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	14.98	51	1.14	71	0.00	91	0.00	111	0.00
12	6.90	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	6.08	55	21.34	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.51	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	1.26	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2671.67

ESSA DATE 09/24/69 BAG NUMBER7039

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2113.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	33.14	22	1.18	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	36.41	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.53	65	0.00	85	0.00	105	0.00
6	43.86	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	12.36	27	1.11	47	0.00	67	0.00	87	0.00	107	0.00
8	29.23	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.92	69	0.00	89	0.00	109	0.00
10	7.30	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	3.19	32	0.00	52	1.24	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	1.22	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	10.86	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2295.55

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 13
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/25/69 BAG NUMBER7040

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2451.00	21	0.95	41	0.00	61	0.00	81	0.78	101	0.88
2	49.30	22	4.45	42	0.00	62	4.63	82	0.00	102	0.00
3	35.66	23	3.11	43	2.34	63	0.00	83	0.52	103	0.00
4	28.04	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.87	25	13.03	45	0.00	65	0.00	85	0.00	105	0.00
6	36.33	26	0.00	46	3.72	66	0.00	86	0.46	106	0.33
7	7.59	27	0.00	47	0.00	67	0.32	87	0.00	107	0.00
8	29.05	28	0.00	48	0.15	68	0.29	88	0.11	108	0.17
9	0.00	29	0.00	49	0.00	69	0.00	89	1.07	109	0.00
10	21.31	30	18.97	50	1.05	70	4.64	90	3.67	110	0.00
11	0.00	31	0.00	51	0.28	71	0.00	91	2.40	111	0.00
12	9.88	32	0.00	52	0.18	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.12	73	17.63	93	0.60	113	0.00
14	0.00	34	0.00	54	2.14	74	0.00	94	0.00	114	0.35
15	0.00	35	7.73	55	28.40	75	0.00	95	0.62	115	0.36
16	1.55	36	2.94	56	10.03	76	0.00	96	0.00	116	0.00
17	0.00	37	1.82	57	9.02	77	5.91	97	7.12	117	0.00
18	0.00	38	0.16	58	0.00	78	0.00	98	0.67	118	0.00
19	0.00	39	0.00	59	5.84	79	0.00	99	0.28	119	0.00
20	0.61	40	1.52	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2848.94

ESSA DATE 09/25/69 BAG NUMBER7041

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2377.00	21	0.84	41	0.00	61	0.00	81	0.39	101	0.83
2	43.45	22	4.14	42	0.00	62	1.58	82	0.00	102	0.00
3	33.02	23	2.60	43	1.94	63	0.00	83	0.50	103	0.10
4	24.32	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.87	25	4.00	45	0.00	65	1.42	85	0.00	105	0.00
6	35.45	26	0.00	46	3.14	66	0.00	86	0.27	106	0.29
7	9.37	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	40.92	28	0.00	48	0.00	68	0.00	88	0.00	108	0.10
9	0.00	29	0.00	49	0.00	69	0.00	89	1.06	109	0.00
10	19.07	30	5.87	50	0.97	70	3.32	90	3.27	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.91	111	0.00
12	8.57	32	1.39	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.75	73	13.89	93	0.53	113	0.00
14	0.00	34	3.22	54	2.12	74	0.00	94	0.00	114	0.40
15	0.00	35	3.73	55	21.59	75	0.00	95	0.61	115	0.60
16	0.00	36	2.91	56	4.54	76	0.00	96	0.00	116	0.00
17	0.00	37	1.57	57	3.80	77	5.22	97	6.28	117	0.13
18	0.00	38	0.00	58	0.00	78	0.00	98	0.57	118	0.00
19	0.00	39	0.00	59	7.53	79	0.00	99	0.22	119	0.00
20	0.44	40	1.26	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2719.87

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 14
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/25/69 BAG NUMBER7042

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1597.00	21	1.24	41	0.00	61	0.00	81	0.27	101	0.99
2	3.70	22	2.95	42	0.00	62	0.70	82	0.00	102	0.00
3	0.00	23	1.87	43	1.39	63	0.00	83	0.29	103	0.13
4	1.72	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	3.61	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	1.60	66	0.00	86	0.00	106	0.40
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.11
8	2.42	28	0.00	48	0.00	68	0.00	88	0.00	108	0.21
9	0.00	29	0.00	49	0.00	69	0.00	89	0.91	109	0.00
10	17.15	30	5.01	50	1.28	70	3.62	90	3.88	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	2.39	111	0.00
12	9.65	32	1.56	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	2.43	53	2.32	73	16.57	93	0.98	113	0.00
14	0.00	34	0.00	54	3.05	74	0.00	94	0.00	114	0.00
15	0.00	35	2.02	55	22.39	75	0.00	95	0.83	115	0.00
16	0.00	36	2.49	56	5.48	76	0.00	96	0.00	116	0.00
17	0.00	37	0.82	57	4.56	77	5.54	97	8.29	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	4.21	79	0.00	99	0.25	119	0.00
20	0.37	40	3.34	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1751.98

ESSA DATE 09/25/69 BAG NUMBER7043

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2785.00	21	1.13	41	0.00	61	0.33	81	0.99	101	1.22
2	83.82	22	8.86	42	0.00	62	3.05	82	0.00	102	0.00
3	57.78	23	5.69	43	4.17	63	2.06	83	0.63	103	0.15
4	54.08	24	0.00	44	0.00	64	1.30	84	0.00	104	0.00
5	9.39	25	9.36	45	0.00	65	0.00	85	0.00	105	0.00
6	71.34	26	0.00	46	6.98	66	0.00	86	0.18	106	0.32
7	20.25	27	0.00	47	0.00	67	0.40	87	0.21	107	0.15
8	61.50	28	0.00	48	0.30	68	0.47	88	0.16	108	0.13
9	0.00	29	0.00	49	0.00	69	0.00	89	0.99	109	0.00
10	39.75	30	10.89	50	1.42	70	5.95	90	4.33	110	0.00
11	0.00	31	8.56	51	0.32	71	0.00	91	2.57	111	0.00
12	17.29	32	0.00	52	0.28	72	0.00	92	1.36	112	0.00
13	0.00	33	0.00	53	1.29	73	21.37	93	1.64	113	0.00
14	0.00	34	0.00	54	1.14	74	0.00	94	0.00	114	0.00
15	0.00	35	13.92	55	37.94	75	0.00	95	0.85	115	0.00
16	0.00	36	6.18	56	8.53	76	0.00	96	0.00	116	0.00
17	0.00	37	3.56	57	6.83	77	8.25	97	7.64	117	0.00
18	0.00	38	1.17	58	0.00	78	0.00	98	1.28	118	0.00
19	0.00	39	0.93	59	3.44	79	0.00	99	0.47	119	0.00
20	1.38	40	4.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3416.91

SCOTT RESEARCH LABORATORIES CPA7C-611421113SR042 RUN DATE 2/06/70- 13
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/25/69 BAG NUMBER7044

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2822.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	83.20	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	52.50	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	52.08	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	6.75	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	65.65	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	19.74	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	65.61	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3167.53

ESSA DATE 09/25/69 BAG NUMBER7045

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2748.00	21	5.28	41	0.00	61	1.13	81	0.82	101	0.91
2	68.41	22	14.52	42	0.00	62	3.02	82	0.00	102	0.00
3	33.02	23	6.46	43	4.13	63	0.00	83	0.76	103	0.09
4	47.50	24	0.00	44	0.00	64	0.39	84	0.00	104	0.00
5	5.58	25	16.85	45	0.00	65	0.00	85	0.00	105	0.00
6	51.21	26	0.00	46	7.60	66	0.00	86	0.89	106	0.36
7	14.17	27	0.00	47	0.00	67	0.42	87	1.02	107	0.14
8	53.27	28	3.32	48	0.39	68	0.47	88	0.21	108	0.15
9	0.00	29	0.00	49	0.00	69	0.00	89	0.66	109	0.00
10	33.65	30	6.02	50	1.55	70	5.10	90	3.46	110	0.00
11	0.00	31	0.19	51	0.76	71	0.00	91	1.92	111	0.00
12	13.57	32	0.00	52	0.46	72	0.00	92	1.13	112	0.00
13	0.00	33	0.00	53	1.43	73	15.94	93	0.85	113	0.00
14	0.00	34	0.00	54	1.61	74	0.00	94	0.00	114	0.47
15	0.00	35	11.49	55	32.05	75	0.00	95	0.74	115	0.00
16	0.00	36	5.40	56	6.89	76	0.00	96	0.00	116	0.00
17	0.00	37	3.06	57	9.28	77	6.50	97	6.93	117	0.00
18	0.00	38	1.23	58	0.00	78	0.00	98	1.34	118	0.00
19	0.00	39	0.88	59	6.49	79	0.00	99	0.54	119	0.00
20	2.26	40	3.36	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3277.69

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 16
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/25/69 BAG NUMBER7046

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2228.00	21	0.00	41	0.00	61	0.00	81	0.19	101	0.00
2	46.53	22	4.02	42	0.00	62	0.00	82	0.00	102	0.00
3	23.11	23	2.61	43	1.22	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	4.18	45	0.00	65	0.19	85	0.00	105	0.00
6	44.43	26	0.00	46	1.42	66	0.00	86	0.00	106	0.00
7	10.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	34.02	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	21.44	30	4.80	50	0.00	70	2.47	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	2.42	111	0.00
12	8.55	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	3.22	53	1.06	73	7.49	93	0.00	113	0.00
14	0.00	34	0.00	54	0.77	74	0.00	94	0.00	114	0.00
15	0.00	35	5.71	55	20.73	75	0.00	95	0.12	115	0.00
16	0.00	36	2.24	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.00	57	0.16	77	2.04	97	2.77	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	2.73	79	0.00	99	0.00	119	0.00
20	0.20	40	1.47	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2491.30

ESSA DATE 09/25/69 BAG NUMBER7047

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1782.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.24
2	11.40	22	0.85	42	0.00	62	0.97	82	0.00	102	0.00
3	3.80	23	0.39	43	0.45	63	0.00	83	0.00	103	0.00
4	9.87	24	0.00	44	0.00	64	0.79	84	0.00	104	0.00
5	0.00	25	1.34	45	0.00	65	0.00	85	0.00	105	0.00
6	3.94	26	0.00	46	0.00	66	0.00	86	0.00	106	0.15
7	4.05	27	0.00	47	0.64	67	0.00	87	0.00	107	0.00
8	6.29	28	0.00	48	0.00	68	0.00	88	0.00	108	0.09
9	0.00	29	0.00	49	0.00	69	0.00	89	0.35	109	0.00
10	4.38	30	4.58	50	0.00	70	1.90	90	1.41	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	2.50	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.84	73	7.33	93	0.19	113	0.00
14	0.00	34	4.86	54	1.45	74	0.00	94	0.00	114	0.27
15	0.00	35	0.78	55	11.42	75	0.00	95	0.18	115	0.12
16	0.00	36	0.77	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.93	97	3.52	117	0.23
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	2.79	79	0.00	99	0.09	119	0.00
20	0.00	40	0.15	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1879.29

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 17
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/25/69 BAG NUMBER7048

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2005.00	21	4.54	41	0.00	61	0.00	81	0.11	101	0.63
2	32.97	22	7.73	42	0.00	62	2.11	82	0.00	102	0.00
3	12.55	23	3.56	43	1.87	63	0.00	83	0.00	103	0.00
4	11.87	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	9.68	45	0.00	65	0.00	85	0.00	105	0.00
6	10.72	26	0.00	46	1.93	66	0.00	86	0.00	106	0.00
7	10.50	27	0.00	47	0.00	67	0.00	87	0.00	107	0.20
8	63.19	28	0.00	48	0.00	68	0.00	88	0.00	108	0.14
9	0.00	29	0.00	49	0.00	69	0.00	89	0.70	109	0.00
10	37.77	30	3.20	50	2.56	70	4.72	90	5.57	110	0.00
11	0.00	31	0.65	51	0.00	71	0.00	91	0.00	111	0.00
12	17.64	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	4.53	73	17.96	93	0.77	113	0.00
14	0.00	34	0.00	54	5.96	74	0.00	94	0.00	114	0.16
15	0.00	35	6.61	55	40.61	75	0.00	95	0.57	115	0.00
16	0.00	36	4.52	56	6.60	76	0.00	96	0.00	116	0.00
17	0.00	37	1.27	57	4.39	77	4.34	97	7.57	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	4.12	79	0.00	99	0.36	119	0.00
20	1.06	40	10.42	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2373.92

ESSA DATE 09/25/69 BAG NUMBER7049

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2042.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	38.98	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	44.08	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	58.80	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	7.04	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	6.35	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	28.73	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	29.05	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2255.03

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 18
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/25/69 BAG NUMBER7050

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2080.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	47.30	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	12.88	23	0.00	43	0.00	63	0.36	83	0.00	103	0.00
4	28.76	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	29.54	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	11.26	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	26.75	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	13.21	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.74	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.12	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2251.92

ESSA DATE 09/26/69 BAG NUMBER7051

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2748.00	21	2.14	41	0.00	61	0.74	81	0.93	101	1.20
2	64.71	22	6.44	42	0.00	62	6.62	82	0.00	102	0.00
3	35.66	23	3.12	43	3.90	63	0.00	83	0.56	103	0.00
4	43.78	24	0.00	44	0.00	64	0.29	84	0.00	104	0.00
5	7.92	25	15.19	45	0.00	65	0.00	85	0.00	105	0.00
6	38.96	26	0.00	46	7.89	66	0.00	86	0.76	106	0.47
7	13.67	27	0.00	47	0.00	67	0.29	87	0.77	107	0.13
8	34.38	28	0.00	48	0.35	68	0.29	88	0.30	108	0.00
9	0.00	29	1.15	49	0.00	69	0.00	89	1.02	109	0.00
10	20.59	30	4.77	50	1.19	70	3.45	90	5.14	110	0.00
11	0.00	31	0.00	51	0.55	71	0.00	91	0.00	111	0.00
12	10.72	32	0.00	52	0.48	72	0.00	92	0.70	112	0.00
13	0.00	33	0.00	53	0.97	73	14.37	93	1.04	113	0.00
14	0.00	34	0.00	54	0.87	74	0.00	94	0.00	114	0.39
15	0.83	35	11.55	55	23.88	75	0.00	95	0.59	115	2.23
16	0.00	36	4.55	56	6.91	76	0.00	96	0.00	116	0.00
17	0.00	37	2.33	57	7.27	77	6.69	97	6.20	117	0.10
18	0.00	38	0.80	58	0.00	78	0.00	98	0.65	118	0.00
19	0.00	39	0.30	59	3.72	79	0.00	99	0.10	119	0.00
20	0.87	40	1.94	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3188.36

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 19
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/26/69 BAG NUMBER7052

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2674.00	21	2.73	41	0.00	61	0.00	81	0.64	101	1.21
2	68.10	22	8.33	42	0.00	62	4.32	82	0.00	102	0.00
3	43.25	23	5.09	43	3.83	63	0.00	83	0.87	103	0.00
4	47.50	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	8.80	25	11.30	45	0.00	65	0.00	85	0.00	105	0.00
6	43.77	26	0.00	46	7.02	66	0.00	86	0.68	106	0.39
7	17.21	27	0.00	47	0.00	67	0.30	87	0.00	107	0.14
8	45.28	28	0.00	48	0.00	68	0.12	88	0.17	108	0.24
9	0.00	29	0.00	49	2.52	69	0.00	89	1.24	109	0.00
10	39.14	30	7.85	50	0.00	70	4.67	90	4.11	110	0.00
11	0.00	31	0.00	51	0.24	71	0.00	91	2.15	111	0.00
12	17.89	32	0.00	52	0.00	72	0.00	92	1.25	112	0.00
13	0.00	33	0.00	53	3.72	73	17.03	93	1.74	113	0.00
14	0.00	34	0.00	54	4.62	74	0.00	94	0.00	114	0.48
15	0.00	35	6.13	55	38.89	75	0.00	95	0.90	115	2.46
16	0.00	36	5.43	56	8.47	76	0.00	96	0.00	116	0.00
17	0.00	37	2.77	57	7.20	77	7.16	97	8.28	117	0.31
18	0.00	38	0.71	58	0.00	78	0.00	98	1.21	118	0.00
19	0.00	39	0.31	59	5.19	79	0.00	99	2.34	119	0.00
20	0.94	40	7.06	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3209.69

ESSA DATE 09/26/69 BAG NUMBER7053

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2562.00	21	0.92	41	0.00	61	0.81	81	0.38	101	0.55
2	48.23	22	4.30	42	0.00	62	4.46	82	0.00	102	0.00
3	35.99	23	3.10	43	2.38	63	0.00	83	0.48	103	0.00
4	28.90	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	7.78	25	7.13	45	0.00	65	3.11	85	0.00	105	0.00
6	40.92	26	0.00	46	5.16	66	0.00	86	0.27	106	0.16
7	10.63	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	30.75	28	0.00	48	0.00	68	0.44	88	0.95	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	2.01	109	0.00
10	20.87	30	7.19	50	1.08	70	1.96	90	2.79	110	0.00
11	0.00	31	0.00	51	0.16	71	0.00	91	1.63	111	0.00
12	8.74	32	4.81	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.41	73	10.78	93	0.29	113	0.00
14	0.00	34	0.00	54	1.36	74	0.00	94	0.00	114	0.25
15	0.00	35	7.81	55	20.13	75	0.00	95	0.44	115	0.56
16	0.00	36	0.00	56	4.91	76	0.00	96	0.00	116	0.00
17	0.00	37	1.69	57	5.04	77	4.43	97	4.73	117	0.00
18	0.00	38	0.24	58	0.00	78	0.00	98	0.34	118	0.14
19	0.00	39	0.00	59	5.51	79	0.00	99	0.20	119	0.00
20	0.57	40	1.47	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2923.33

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 20
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/26/69 BAG NUMBER7054

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2859.00	21	0.99	41	0.00	61	1.86	81	0.00	101	0.17
2	74.88	22	8.70	42	0.00	62	2.80	82	0.00	102	0.00
3	54.64	23	0.00	43	5.22	63	3.50	83	0.71	103	0.00
4	60.23	24	5.35	44	0.00	64	0.00	84	0.00	104	0.22
5	11.59	25	12.11	45	0.00	65	0.00	85	0.28	105	0.00
6	65.87	26	0.00	46	10.38	66	5.72	86	0.51	106	0.24
7	21.39	27	0.00	47	0.00	67	0.97	87	1.22	107	0.00
8	58.11	28	0.00	48	0.68	68	0.70	88	0.33	108	0.88
9	0.00	29	0.00	49	0.00	69	0.00	89	0.51	109	0.00
10	32.86	30	0.00	50	1.85	70	4.22	90	0.00	110	0.09
11	0.00	31	0.00	51	0.97	71	0.00	91	0.00	111	0.00
12	15.27	32	0.00	52	0.67	72	0.00	92	1.32	112	0.00
13	0.00	33	0.00	53	1.11	73	15.53	93	0.76	113	0.00
14	0.00	34	0.00	54	0.86	74	0.69	94	0.97	114	0.00
15	0.00	35	12.76	55	35.59	75	0.00	95	0.68	115	0.00
16	0.49	36	6.35	56	7.12	76	0.00	96	0.00	116	0.00
17	0.00	37	3.57	57	9.30	77	6.37	97	4.91	117	0.00
18	0.00	38	1.55	58	0.00	78	0.00	98	1.27	118	0.00
19	0.00	39	0.00	59	2.99	79	0.00	99	0.00	119	0.00
20	1.39	40	4.69	60	0.65	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3446.60

ESSA DATE 09/26/69 BAG NUMBER7055

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2785.00	21	5.29	41	0.00	61	0.53	81	1.34	101	0.64
2	77.65	22	6.86	42	0.00	62	3.24	82	0.00	102	0.00
3	46.22	23	4.36	43	4.47	63	0.00	83	0.64	103	0.00
4	52.65	24	0.00	44	0.00	64	0.40	84	0.00	104	0.00
5	6.16	25	11.15	45	0.00	65	0.00	85	0.13	105	0.00
6	60.62	26	0.00	46	9.54	66	0.00	86	0.27	106	0.19
7	19.87	27	0.00	47	0.00	67	0.57	87	0.71	107	0.13
8	48.66	28	0.00	48	0.56	68	0.54	88	0.22	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.41	109	0.00
10	27.95	30	13.96	50	1.34	70	4.23	90	4.10	110	0.00
11	0.00	31	0.00	51	0.83	71	0.00	91	0.00	111	0.00
12	13.34	32	4.31	52	0.49	72	0.00	92	1.03	112	0.00
13	0.00	33	0.00	53	0.84	73	12.13	93	0.43	113	0.00
14	0.00	34	0.00	54	0.98	74	0.00	94	0.00	114	0.24
15	0.00	35	11.36	55	29.40	75	0.00	95	0.48	115	1.91
16	0.00	36	4.71	56	7.01	76	0.00	96	0.00	116	0.00
17	0.00	37	2.78	57	4.72	77	5.47	97	3.83	117	0.00
18	0.00	38	1.01	58	0.00	78	0.00	98	0.68	118	0.00
19	0.00	39	0.77	59	2.85	79	0.00	99	0.00	119	0.00
20	0.42	40	2.90	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3315.51

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE: 2/06/69- 21
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/26/69 BAG NUMBER7056

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2377.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	50.38	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	23.94	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	27.47	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	1.61	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	42.24	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	10.12	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	30.51	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2563.27

ESSA DATE 09/26/69 BAG NUMBER7057

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2637.00	21	1.29	41	0.00	61	0.83	81	0.83	101	0.66
2	67.79	22	4.93	42	0.00	62	7.61	82	0.00	102	0.00
3	44.57	23	3.34	43	2.73	63	0.00	83	0.00	103	0.00
4	59.52	24	0.00	44	0.00	64	0.69	84	0.00	104	0.00
5	8.51	25	9.39	45	0.00	65	0.00	85	0.14	105	0.00
6	33.27	26	0.00	46	5.31	66	0.00	86	0.37	106	0.23
7	20.00	27	0.00	47	0.00	67	0.23	87	0.70	107	0.00
8	48.18	28	0.00	48	0.17	68	0.21	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.16	109	0.00
10	21.30	30	8.41	50	0.77	70	3.02	90	3.81	110	0.00
11	0.00	31	0.00	51	0.33	71	0.00	91	0.00	111	0.00
12	10.69	32	0.00	52	0.33	72	0.00	92	0.40	112	0.00
13	0.00	33	0.00	53	0.86	73	9.85	93	0.43	113	0.00
14	0.00	34	0.00	54	0.67	74	0.00	94	0.00	114	0.32
15	2.18	35	8.20	55	20.48	75	0.00	95	0.44	115	2.69
16	0.00	36	3.16	56	4.34	76	0.00	96	0.00	116	0.00
17	0.00	37	1.69	57	3.90	77	4.53	97	5.07	117	0.00
18	0.00	38	0.27	58	0.00	78	0.00	98	1.10	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.58	119	0.00
20	0.92	40	1.94	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3081.33

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 22
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/26/69 BAG NUMBER7058

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2191.00	21	0.19	41	0.00	61	1.75	81	0.00	101	0.26
2	27.73	22	1.53	42	0.44	62	0.42	82	0.00	102	0.00
3	8.25	23	0.92	43	0.47	63	0.77	83	0.00	103	0.00
4	16.60	24	0.00	44	0.00	64	1.08	84	0.00	104	0.00
5	0.00	25	2.07	45	0.00	65	0.00	85	0.00	105	0.00
6	17.07	26	0.00	46	0.94	66	0.00	86	0.00	106	0.11
7	5.82	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	15.98	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	9.09	30	9.36	50	0.00	70	1.35	90	0.60	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	3.90	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.79	73	4.13	93	0.11	113	0.00
14	0.00	34	0.00	54	0.53	74	0.00	94	0.00	114	0.17
15	0.00	35	1.91	55	9.53	75	0.00	95	0.19	115	1.75
16	0.00	36	0.73	56	0.00	76	0.14	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.73	97	2.71	117	0.00
18	0.00	38	0.31	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	2.51	79	0.20	99	0.27	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2345.40

ESSA DATE 09/26/69 BAG NUMBER7059

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2599.00	21	1.85	41	0.00	61	2.71	81	0.86	101	0.52
2	69.03	22	6.33	42	0.00	62	2.30	82	0.00	102	0.00
3	39.29	23	3.18	43	2.74	63	0.00	83	0.00	103	0.00
4	54.08	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.93	25	17.46	45	0.00	65	0.00	85	0.12	105	0.00
6	37.64	26	0.00	46	5.60	66	0.00	86	0.29	106	0.16
7	19.49	27	0.00	47	0.00	67	0.57	87	0.59	107	0.00
8	44.31	28	0.00	48	0.19	68	0.37	88	0.19	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.47	109	0.00
10	24.66	30	10.75	50	0.91	70	3.31	90	3.15	110	0.00
11	0.00	31	0.00	51	0.47	71	0.00	91	0.00	111	0.00
12	11.58	32	3.95	52	0.36	72	0.00	92	0.33	112	0.00
13	0.00	33	0.00	53	0.84	73	9.40	93	0.10	113	0.00
14	0.00	34	0.00	54	0.40	74	0.00	94	0.00	114	0.14
15	0.00	35	9.49	55	22.51	75	0.00	95	0.32	115	0.33
16	0.64	36	3.47	56	6.37	76	0.00	96	0.00	116	0.00
17	0.00	37	2.00	57	5.86	77	3.26	97	3.53	117	0.00
18	0.00	38	0.45	58	0.00	78	0.00	98	0.91	118	0.00
19	0.00	39	0.00	59	1.66	79	0.00	99	0.26	119	0.00
20	1.16	40	1.81	60	1.74	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3048.38

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 23
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/27/69 BAG NUMBER7060

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3096.00	21	0.00	41	0.00	61	2.07	81	0.37	101	0.32
2	95.52	22	5.46	42	0.00	62	2.44	82	0.00	102	0.00
3	28.90	23	3.51	43	2.04	63	0.00	83	0.00	103	0.00
4	128.63	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	12.09	25	11.66	45	0.00	65	0.00	85	0.00	105	0.00
6	14.50	26	0.00	46	6.32	66	0.00	86	0.29	106	0.00
7	41.71	27	0.00	47	0.00	67	0.23	87	0.00	107	0.00
8	81.29	28	0.00	48	0.25	68	0.49	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.11	109	0.00
10	28.71	30	13.82	50	0.41	70	0.97	90	3.20	110	0.00
11	0.00	31	0.00	51	0.59	71	0.00	91	0.00	111	0.00
12	18.53	32	0.00	52	0.93	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.95	93	0.12	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.14
15	0.00	35	8.23	55	10.73	75	0.00	95	0.00	115	0.34
16	0.21	36	3.06	56	3.49	76	0.00	96	0.00	116	0.00
17	0.00	37	1.39	57	4.21	77	2.76	97	2.89	117	0.00
18	0.00	38	1.28	58	0.00	78	0.00	98	0.12	118	0.00
19	0.00	39	0.87	59	2.61	79	0.00	99	0.36	119	0.00
20	1.93	40	3.01	60	1.08	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3655.13

ESSA DATE 09/27/69 BAG NUMBER7061

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2342.00	21	0.28	41	0.00	61	0.00	81	0.17	101	0.19
2	47.44	22	1.77	42	0.00	62	5.44	82	0.00	102	0.00
3	23.97	23	1.28	43	0.83	63	0.00	83	0.00	103	0.00
4	41.40	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	7.56	25	3.96	45	0.00	65	0.00	85	0.00	105	0.00
6	9.42	26	0.00	46	2.26	66	0.00	86	0.41	106	0.00
7	14.47	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	26.18	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	11.28	30	7.14	50	0.00	70	0.59	90	1.13	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	5.49	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	3.63	93	0.00	113	0.00
14	0.00	34	0.00	54	0.82	74	0.00	94	0.00	114	0.00
15	0.00	35	4.26	55	8.59	75	0.00	95	0.11	115	0.00
16	0.00	36	0.98	56	0.00	76	1.88	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	2.66	117	0.00
18	0.00	38	0.46	58	0.00	78	0.00	98	0.10	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.22	119	0.00
20	0.21	40	0.61	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2579.18

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 24
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/27/69 BAG NUMBER7062

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2619.00	21	0.77	41	0.00	61	0.00	81	0.48	101	0.31
2	59.34	22	4.19	42	0.00	62	1.66	82	0.00	102	0.00
3	32.81	23	2.81	43	2.47	63	0.00	83	0.00	103	0.00
4	43.02	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.29	25	9.43	45	0.00	65	0.00	85	0.00	105	0.00
6	36.72	26	0.00	46	3.91	66	0.00	86	0.35	106	0.00
7	16.55	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	38.02	28	0.00	48	0.00	68	0.00	88	0.52	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	1.16	109	0.00
10	20.00	30	9.70	50	1.05	70	1.82	90	2.54	110	0.00
11	0.00	31	0.00	51	0.21	71	0.00	91	0.00	111	0.00
12	9.63	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	7.74	93	0.34	113	0.00
14	0.00	34	0.00	54	1.14	74	0.00	94	0.00	114	0.00
15	0.00	35	7.58	55	16.81	75	0.00	95	0.17	115	0.00
16	1.06	36	0.00	56	3.92	76	0.00	96	0.00	116	0.00
17	0.00	37	1.57	57	3.66	77	3.54	97	3.11	117	0.00
18	0.00	38	0.19	58	0.00	78	0.00	98	0.38	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.20	119	0.00
20	0.61	40	1.33	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2977.10

ESSA DATE 09/27/69 BAG NUMBER7063

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1945.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	0.00	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	1.99	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	2.37	93	0.00	113	0.00
14	0.00	34	0.00	54	1.10	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	5.29	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.98	97	2.61	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	8.15	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1967.49

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 25
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/27/69 BAG NUMBER7064

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1931.00	21	3.54	41	0.00	61	0.00	81	0.00	101	1.15
2	20.34	22	6.97	42	0.00	62	1.53	82	0.00	102	0.00
3	3.96	23	4.21	43	1.61	63	0.00	83	0.00	103	0.00
4	10.59	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	9.64	45	0.00	65	0.00	85	0.00	105	0.00
6	11.82	26	0.00	46	1.95	66	0.00	86	0.54	106	0.23
7	5.57	27	0.00	47	0.00	67	0.00	87	0.00	107	0.11
8	12.83	28	0.00	48	0.00	68	0.00	88	0.00	108	0.17
9	0.00	29	0.00	49	3.61	69	0.00	89	1.00	109	0.00
10	41.35	30	5.69	50	0.00	70	3.06	90	2.91	110	0.00
11	0.00	31	2.67	51	0.00	71	0.00	91	1.62	111	0.00
12	20.69	32	0.00	52	0.00	72	0.00	92	0.64	112	0.00
13	1.38	33	0.00	53	5.39	73	10.81	93	1.20	113	0.00
14	0.00	34	0.00	54	6.61	74	0.00	94	0.00	114	0.35
15	1.31	35	8.21	55	36.04	75	0.00	95	0.65	115	1.70
16	0.00	36	4.70	56	5.84	76	0.00	96	0.00	116	0.00
17	0.00	37	1.66	57	4.29	77	4.34	97	5.60	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	1.40	79	0.00	99	2.41	119	0.00
20	1.25	40	12.55	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2228.68

ESSA DATE 09/27/69 BAG NUMBER7065

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2451.00	21	0.47	41	0.00	61	0.00	81	0.46	101	0.41
2	49.00	22	2.91	42	0.00	62	2.03	82	0.00	102	0.00
3	17.83	23	1.81	43	1.17	63	0.00	83	0.00	103	0.00
4	28.33	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	2.64	25	3.48	45	0.00	65	0.00	85	0.00	105	0.00
6	26.70	26	0.00	46	2.88	66	0.00	86	0.00	106	0.13
7	10.38	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	27.12	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.78	109	0.00
10	15.67	30	3.93	50	0.00	70	2.44	90	1.80	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	7.07	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.05	73	7.00	93	0.13	113	0.00
14	0.00	34	0.00	54	1.84	74	0.00	94	0.00	114	0.22
15	0.00	35	0.00	55	14.27	75	0.00	95	0.33	115	3.33
16	0.00	36	1.89	56	1.59	76	0.00	96	0.00	116	0.00
17	0.00	37	0.99	57	1.25	77	3.37	97	2.78	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.27	79	1.14	99	0.54	119	0.00
20	0.22	40	1.09	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2703.73

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 26
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/27/69 BAG NUMBER7066

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2540.00	21	1.26	41	0.00	61	1.58	81	0.19	101	0.49
2	54.11	22	4.13	42	0.00	62	2.16	82	0.00	102	0.00
3	21.93	23	3.62	43	1.73	63	0.00	83	0.29	103	0.00
4	47.44	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.78	25	4.05	45	0.00	65	0.00	85	0.00	105	0.00
6	16.91	26	0.00	46	3.99	66	0.00	86	0.00	106	0.20
7	19.16	27	0.00	47	0.00	67	1.14	87	0.00	107	0.00
8	38.40	28	0.00	48	0.00	68	0.00	88	0.66	108	0.00
9	0.00	29	3.45	49	0.00	69	0.00	89	0.70	109	0.00
10	23.46	30	12.68	50	0.40	70	2.42	90	2.40	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	10.90	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	1.57	73	9.72	93	0.27	113	0.00
14	0.00	34	0.00	54	0.64	74	0.00	94	0.00	114	0.29
15	0.00	35	8.47	55	19.62	75	0.00	95	0.46	115	0.70
16	0.00	36	2.88	56	2.20	76	0.00	96	0.00	116	0.00
17	0.00	37	1.27	57	1.11	77	3.97	97	2.99	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.35	118	0.00
19	0.00	39	0.00	59	1.27	79	0.00	99	0.72	119	0.00
20	0.08	40	1.48	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2883.68

ESSA DATE 09/27/69 BAG NUMBER7067

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2381.00	21	1.39	41	0.00	61	1.55	81	0.27	101	0.73
2	52.20	22	4.29	42	0.00	62	1.03	82	0.00	102	0.00
3	20.40	23	2.94	43	1.59	63	0.00	83	0.29	103	0.00
4	46.12	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.17	25	4.75	45	0.00	65	0.39	85	0.00	105	0.00
6	17.39	26	0.00	46	3.47	66	0.00	86	0.00	106	0.26
7	18.25	27	0.00	47	0.00	67	0.39	87	0.00	107	0.17
8	38.65	28	0.00	48	0.00	68	0.27	88	0.00	108	0.13
9	0.00	29	0.00	49	0.00	69	0.00	89	1.11	109	0.00
10	25.15	30	5.06	50	0.69	70	2.77	90	3.08	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	12.29	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	2.17	73	10.96	93	0.40	113	0.40
14	0.00	34	0.00	54	2.67	74	0.00	94	0.00	114	0.45
15	0.00	35	0.00	55	19.14	75	0.00	95	0.52	115	0.00
16	0.00	36	2.66	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.00	57	0.49	77	4.16	97	6.53	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.67	118	0.00
19	0.00	39	0.00	59	6.96	79	0.00	99	0.52	119	0.00
20	0.92	40	1.52	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2713.37

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 27
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/27/69 BAG NUMBER7068

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1468.00	21	0.00	41	0.00	61	2.15	81	0.14	101	0.56
2	11.11	22	0.00	42	0.00	62	0.72	82	0.00	102	0.00
3	5.10	23	1.00	43	0.56	63	1.65	83	0.83	103	0.00
4	7.51	24	0.00	44	0.00	64	1.61	84	0.00	104	0.00
5	1.66	25	2.58	45	0.00	65	0.00	85	0.00	105	0.00
6	7.25	26	0.00	46	0.00	66	0.00	86	0.50	106	0.19
7	3.65	27	0.00	47	1.01	67	0.00	87	0.00	107	0.00
8	8.85	28	9.88	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.42	109	0.00
10	8.65	30	4.54	50	0.95	70	1.72	90	2.17	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	4.21	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	3.14	73	7.43	93	0.26	113	0.00
14	0.00	34	0.00	54	5.18	74	0.00	94	0.00	114	0.27
15	0.00	35	3.61	55	16.15	75	0.31	95	0.34	115	1.31
16	0.00	36	0.80	56	0.00	76	0.98	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.76	97	5.77	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.76	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.51	119	0.00
20	0.00	40	0.46	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1609.20

ESSA DATE 09/28/69 BAG NUMBER7070

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1332.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	0.00	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	1.64	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	2.50
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.46	30	0.00	50	0.00	70	3.30	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	10.20	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	2.98	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	4.57	97	5.30	117	0.00
18	0.32	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1363.27

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 28
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/28/69 BAG NUMBER7071

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1629.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	38.24	22	0.00	42	0.00	62	2.49	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	10.40	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.53	45	0.00	65	0.00	85	1.06	105	0.00
6	10.97	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	4.94	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	16.70	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	3.21	69	0.00	89	0.00	109	0.00
10	7.44	30	0.00	50	0.00	70	12.37	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.19	111	0.00
12	2.35	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	5.10	93	0.00	113	0.00
14	0.00	34	0.00	54	0.66	74	0.00	94	0.00	114	0.00
15	0.00	35	8.21	55	8.47	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.42	97	5.38	117	0.00
18	0.00	38	0.00	58	0.00	78	1.03	98	0.00	118	0.00
19	0.00	39	0.00	59	2.68	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1772.83

ESSA DATE 09/28/69 BAG NUMBER7072

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2046.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	50.99	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	14.29	23	0.80	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	3.79	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	6.18	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	18.79	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.85	30	3.25	50	0.00	70	2.49	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.56	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	1.59	55	14.52	75	0.00	95	0.00	115	0.00
16	0.00	36	0.82	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.19	57	0.00	77	3.39	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.18	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2172.68

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 29
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/28/69 BAG NUMBER7073

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2388.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	63.73	22	1.60	42	0.00	62	7.48	82	0.00	102	0.00
3	21.43	23	0.00	43	0.00	63	5.61	83	0.00	103	0.00
4	23.41	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	10.40	25	2.57	45	0.00	65	0.00	85	0.00	105	0.00
6	21.93	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.24	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	22.97	28	0.00	48	0.00	68	0.00	88	0.00	108	0.24
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	8.08	30	1.39	50	0.00	70	3.34	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	4.91	32	0.00	52	0.71	72	0.00	92	1.79	112	0.00
13	0.00	33	0.00	53	0.00	73	7.70	93	0.00	113	0.00
14	0.00	34	3.64	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	15.36	75	0.00	95	0.00	115	5.82
16	0.00	36	1.01	56	0.00	76	0.45	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.97	97	4.47	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2637.25

ESSA DATE 09/28/69 BAG NUMBER7074

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2230.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	31.87	22	1.11	42	0.00	62	0.00	82	0.24	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	17.16	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	1.58	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.24	27	0.00	47	0.90	67	0.00	87	0.00	107	0.00
8	20.88	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	2.47	32	0.00	52	0.30	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.35	73	4.54	93	0.00	113	0.00
14	0.00	34	0.83	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	11.57	75	0.20	95	0.00	115	6.09
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.90	97	1.49	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2340.72

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 30
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/28/69 BAG NUMBER7075

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	560.00	21	0.00	41	0.00	61	0.00	81	0.27	101	0.00
2	0.00	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.90
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	1.64	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.29
13	0.00	33	0.00	53	0.00	73	4.69	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.39	55	3.32	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.37	97	4.97	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 577.84

ESSA DATE 09/28/69 BAG NUMBER7076

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1664.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	12.75	22	0.00	42	0.00	62	6.63	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	5.20	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	2.47	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	8.35	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	2.04	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	3.25	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	4.78	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.00	97	4.33	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.45	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1716.25

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 31
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/28/69 BAG NUMBER7077

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1493.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	12.75	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	5.71	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1511.46

ESSA DATE 09/28/69 BAG NUMBER7078

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1484.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	0.00	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1484.00

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 32
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/29/69 BAG NUMBER7079

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3191.00	21	1.26	41	0.00	61	0.00	81	0.00	101	1.92
2	107.71	22	7.19	42	0.00	62	1.50	82	0.00	102	0.00
3	71.43	23	4.71	43	3.24	63	4.47	83	0.00	103	0.00
4	56.17	24	0.00	44	0.00	64	4.73	84	0.00	104	0.00
5	18.20	25	7.59	45	0.00	65	0.00	85	0.00	105	2.51
6	67.99	26	0.00	46	5.34	66	0.24	86	0.00	106	0.62
7	16.89	27	0.00	47	0.00	67	0.00	87	0.00	107	0.21
8	58.46	28	0.00	48	0.00	68	0.57	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	2.41	109	0.66
10	30.42	30	8.06	50	0.00	70	7.92	90	4.66	110	0.00
11	0.00	31	1.10	51	0.00	71	0.00	91	1.42	111	0.00
12	13.99	32	0.00	52	0.00	72	1.39	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	31.95	93	0.00	113	0.62
14	0.00	34	0.00	54	1.27	74	0.00	94	3.54	114	0.00
15	0.00	35	2.50	55	46.63	75	0.00	95	2.09	115	3.50
16	0.00	36	3.92	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	2.41	57	0.00	77	10.12	97	7.67	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	3.74	118	0.00
19	0.00	39	0.00	59	2.53	79	3.50	99	0.00	119	0.00
20	0.00	40	1.91	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3833.87

ESSA DATE 09/29/69 BAG NUMBER7080

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1836.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	25.49	22	0.00	42	0.00	62	2.79	82	0.00	102	0.00
3	10.71	23	0.00	43	0.00	63	1.54	83	0.25	103	0.00
4	14.56	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	5.36	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	12.53	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	1.54
10	4.39	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.84	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	2.78	93	0.00	113	0.00
14	0.00	34	2.31	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	7.26	75	0.00	95	0.00	115	7.53
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.35	97	4.46	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	4.13	79	5.43	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1953.25

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 33
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/29/69 BAG NUMBER7081

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3270.00	21	3.57	41	0.00	61	0.00	81	0.00	101	0.00
2	98.79	22	13.87	42	0.00	62	14.97	82	0.00	102	0.00
3	67.86	23	4.45	43	3.42	63	15.79	83	0.00	103	0.00
4	56.69	24	0.00	44	0.00	64	0.41	84	0.00	104	0.00
5	13.00	25	10.28	45	0.00	65	0.00	85	0.00	105	0.98
6	65.80	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	17.31	27	0.00	47	5.49	67	0.00	87	0.00	107	0.00
8	62.22	28	0.00	48	0.00	68	0.60	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	11.24	109	1.05
10	0.00	30	6.44	50	0.00	70	8.60	90	1.01	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.20
12	0.00	32	0.00	52	1.50	72	1.73	92	0.00	112	0.00
13	0.00	33	0.00	53	2.48	73	32.86	93	0.00	113	0.00
14	0.00	34	10.25	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	49.53	75	0.00	95	1.70	115	6.76
16	0.00	36	5.76	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	3.02	57	7.16	77	12.57	97	6.98	117	0.00
18	0.00	38	0.27	58	8.41	78	0.00	98	4.20	118	0.00
19	0.00	39	0.00	59	12.85	79	5.71	99	0.00	119	0.00
20	1.53	40	2.86	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3932.16

ESSA DATE 09/29/69 BAG NUMBER7082

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3389.00	21	2.58	41	0.00	61	12.75	81	0.00	101	2.29
2	114.08	22	11.96	42	0.00	62	11.96	82	1.58	102	0.00
3	71.43	23	6.78	43	4.30	63	15.35	83	0.00	103	0.00
4	68.66	24	0.00	44	0.00	64	14.07	84	0.00	104	0.00
5	15.60	25	18.77	45	0.00	65	0.00	85	1.50	105	1.21
6	86.63	26	0.00	46	8.25	66	0.25	86	0.00	106	0.29
7	20.60	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	83.93	28	0.00	48	0.00	68	0.75	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	1.72	109	1.20
10	40.15	30	6.94	50	0.00	70	9.97	90	4.02	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	13.08	111	0.00
12	16.37	32	0.00	52	0.35	72	1.86	92	0.00	112	2.16
13	0.00	33	0.00	53	1.51	73	36.43	93	7.31	113	0.00
14	0.00	34	12.65	54	1.76	74	0.00	94	0.00	114	4.90
15	0.00	35	0.00	55	58.45	75	0.00	95	2.96	115	6.96
16	0.00	36	7.65	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	4.31	57	0.00	77	12.26	97	8.13	117	0.00
18	0.00	38	1.47	58	0.00	78	0.00	98	4.93	118	0.00
19	0.00	39	1.13	59	6.69	79	4.76	99	0.00	119	0.00
20	1.35	40	8.59	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4256.58

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 34
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/29/69 BAG NUMBER7083

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2916.00	21	1.09	41	0.00	61	0.54	81	0.00	101	0.00
2	76.48	22	5.01	42	0.00	62	3.32	82	0.00	102	0.00
3	44.28	23	3.25	43	1.98	63	7.15	83	0.00	103	0.00
4	39.01	24	0.00	44	0.00	64	0.00	84	0.59	104	0.00
5	5.20	25	9.89	45	0.00	65	0.00	85	0.00	105	0.47
6	48.25	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	16.07	27	0.00	47	2.58	67	0.00	87	0.00	107	0.00
8	50.11	28	0.00	48	0.00	68	0.37	88	3.88	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	1.06
10	26.75	30	3.44	50	0.00	70	7.26	90	4.48	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	7.83	111	0.00
12	10.94	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	24.77	93	0.00	113	0.00
14	0.00	34	0.00	54	1.33	74	0.00	94	0.00	114	0.00
15	0.00	35	8.50	55	33.36	75	0.00	95	3.53	115	4.96
16	0.00	36	3.07	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.44	57	0.00	77	6.17	97	7.13	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	1.20	99	0.00	119	0.00
20	0.00	40	1.90	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3394.63

ESSA DATE 09/29/69 BAG NUMBER7084

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2737.00	21	0.33	41	0.00	61	0.00	81	0.00	101	0.48
2	58.64	22	3.49	42	0.00	62	2.42	82	0.00	102	0.00
3	27.86	23	2.24	43	1.31	63	3.90	83	1.85	103	0.00
4	31.21	24	0.00	44	0.00	64	1.21	84	0.00	104	0.00
5	5.20	25	4.90	45	0.00	65	0.00	85	0.00	105	0.00
6	32.90	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	12.36	27	0.00	47	1.36	67	0.00	87	0.00	107	0.00
8	40.92	28	0.00	48	0.00	68	0.00	88	9.13	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	18.76	30	2.47	50	0.00	70	4.61	90	1.97	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	4.38	111	0.00
12	8.16	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	9.54	93	0.00	113	5.74
14	0.00	34	0.00	54	0.70	74	0.00	94	0.00	114	0.00
15	0.00	35	4.87	55	24.88	75	0.00	95	0.00	115	0.00
16	0.00	36	2.67	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.29	57	0.00	77	4.81	97	7.78	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	1.21	79	0.17	99	0.00	119	0.00
20	0.00	40	1.24	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3083.95

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 35
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/29/69 BAG NUMBER7085

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2746.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	77.76	22	2.18	42	0.00	62	0.11	82	0.00	102	0.00
3	50.00	23	1.65	43	0.70	63	0.00	83	0.00	103	0.00
4	35.37	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	15.60	25	3.46	45	0.00	65	0.00	85	0.00	105	0.00
6	32.90	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	13.19	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	42.59	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	11.42	30	1.79	50	0.00	70	4.33	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	4.02	111	0.00
12	5.33	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	8.40	93	0.00	113	0.00
14	0.00	34	0.00	54	0.23	74	0.00	94	0.00	114	0.00
15	0.00	35	3.07	55	17.97	75	0.00	95	0.00	115	5.16
16	0.00	36	1.38	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.51	57	0.00	77	3.85	97	5.32	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.24	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3094.52

ESSA DATE 09/29/69 BAG NUMBER7088

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1685.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	17.85	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	10.71	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	6.50	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	6.77	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	3.80	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1730.63

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69-
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/29/69 BAG NUMBER7089

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1225.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	6.37	22	0.00	42	0.00	62	3.03	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.48	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.83	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.22	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	10.29	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.47	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	2.37	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	2.77	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.49	97	0.00	117	0.00
18	0.00	38	0.00	58	0.19	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1254.51

ESSA DATE 09/30/69 BAG NUMBER7090

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3657.00	21	0.00	41	0.00	61	2.66	81	0.00	101	1.44
2	133.84	22	5.56	42	0.00	62	5.36	82	0.00	102	0.00
3	42.86	23	3.69	43	2.98	63	8.77	83	0.00	103	0.00
4	77.50	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	18.20	25	7.75	45	0.00	65	0.00	85	0.00	105	0.99
6	32.90	26	0.00	46	5.67	66	0.00	86	0.00	106	0.00
7	28.02	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	66.81	28	0.00	48	0.00	68	0.43	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.31
10	27.57	30	5.87	50	0.00	70	4.89	90	2.84	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	2.68	111	0.00
12	13.29	32	0.00	52	0.39	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	31.28	93	2.07	113	0.00
14	0.00	34	0.00	54	1.00	74	0.00	94	0.00	114	0.00
15	0.00	35	5.85	55	28.59	75	0.00	95	0.85	115	3.99
16	0.00	36	3.66	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	1.64	57	0.00	77	7.78	97	5.92	117	0.00
18	0.00	38	0.00	58	6.05	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	2.73	99	0.00	119	0.00
20	0.00	40	1.73	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4263.40

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/30/69 BAG NUMBER7091

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2020.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	27.09	22	0.66	42	0.00	62	1.75	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	3.72	103	0.00
4	12.74	24	0.00	44	0.00	64	0.00	84	2.37	104	0.00
5	0.00	25	2.70	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	10.76	107	0.00
8	10.44	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	5.82	30	0.68	50	0.00	70	2.66	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	7.52	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	6.95	93	0.00	113	0.00
14	0.00	34	1.04	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	12.06	75	0.00	95	0.00	115	2.31
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.93	97	3.59	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	1.71	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2135.50

ESSA DATE 09/30/69 BAG NUMBER7094

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1842.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	28.68	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	17.14	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	18.20	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	3.12	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	16.45	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	7.42	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	18.79	28	0.00	48	0.00	68	0.00	88	0.00	108	0.78
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.51	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.36	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	3.17	93	0.00	113	0.00
14	0.00	34	0.71	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	9.38	75	0.00	95	2.31	115	4.71
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.46	97	3.14	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1983.33

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 38
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/30/69 BAG NUMBER7095

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2103.00	21	0.00	41	0.47	61	0.00	81	0.00	101	0.00
2	43.34	22	1.59	42	0.00	62	2.13	82	0.00	102	0.00
3	20.00	23	0.00	43	0.00	63	0.00	83	1.77	103	0.00
4	34.85	24	0.00	44	0.63	64	0.00	84	0.00	104	0.00
5	6.24	25	1.46	45	0.00	65	0.00	85	0.00	105	0.00
6	16.45	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	11.54	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	29.23	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.16	69	0.00	89	0.00	109	0.00
10	11.37	30	1.84	50	0.00	70	2.58	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	4.03	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	7.12	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	14.95	75	0.00	95	0.00	115	5.75
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.95	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2323.45

ESSA DATE 09/30/69 BAG NUMBER7096

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2450.00	21	0.00	41	0.71	61	0.14	81	0.00	101	0.00
2	63.10	22	2.82	42	0.00	62	0.00	82	0.00	102	0.00
3	23.57	23	1.05	43	0.95	63	0.00	83	1.18	103	0.00
4	33.81	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	6.24	25	3.65	45	0.00	65	0.00	85	0.00	105	0.00
6	29.61	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	12.36	27	0.00	47	0.82	67	0.00	87	0.00	107	0.00
8	35.08	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.22	69	0.00	89	0.00	109	0.97
10	18.43	30	1.57	50	0.00	70	3.19	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	5.89	32	0.00	52	0.00	72	0.00	92	8.42	112	0.00
13	0.00	33	0.00	53	0.24	73	5.01	93	0.00	113	0.00
14	0.00	34	0.00	54	0.33	74	0.00	94	0.00	114	0.00
15	0.00	35	2.85	55	19.20	75	0.00	95	0.00	115	0.00
16	0.00	36	1.16	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.42	97	5.95	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2740.93

SCOTT RESEARCH LABORATORIES CPA70-61142:113SR042 RUN DATE 2/06/6[illegible]- 3[illegible]
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 09/30/69 BAG NUMBER7097

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	7660.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	70.11	22	1.84	42	0.00	62	1.64	82	0.00	102	0.00
3	17.86	23	1.20	43	2.37	63	0.00	83	0.00	103	0.00
4	58.25	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	2.72	45	0.00	65	0.00	85	0.00	105	0.00
6	10.97	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	19.37	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	41.34	28	0.00	48	0.00	68	0.00	88	0.22	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	3.39	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	2.26	111	0.00
12	6.42	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.25	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	14.55	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	8.89	57	0.00	77	1.33	97	4.15	117	0.00
18	0.00	38	5.16	58	0.00	78	0.67	98	0.00	118	0.00
19	0.00	39	0.00	59	4.59	79	1.14	99	0.00	119	0.00
20	0.00	40	0.68	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2945.36

ESSA DATE 10/01/69 BAG NUMBER7098

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2611.00	21	0.00	41	0.00	61	0.41	81	0.00	101	6.67
2	65.01	22	0.73	42	0.00	62	0.00	82	0.00	102	0.00
3	85.00	23	0.00	43	0.00	63	2.73	83	0.00	103	0.00
4	29.65	24	0.00	44	0.56	64	0.00	84	0.00	104	0.00
5	24.97	25	0.42	45	0.00	65	0.00	85	0.00	105	0.00
6	57.02	26	0.00	46	0.00	66	0.00	86	6.00	106	0.00
7	16.07	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	58.88	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.46	30	0.00	50	0.00	70	6.44	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	4.45	111	0.00
12	2.66	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	11.72	33	0.00	53	0.00	73	17.94	93	0.59	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	1.00	35	110.22	55	23.11	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	6.87	97	2.73	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.72	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3158.02

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 40
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 10/01/69 BAG NUMBER7099

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2127.00	21	0.00	41	0.23	61	0.00	81	0.00	101	0.00
2	37.60	22	1.31	42	0.00	62	0.70	82	0.00	102	0.00
3	22.86	23	0.95	43	0.00	63	0.00	83	0.00	103	0.00
4	21.33	24	0.00	44	0.67	64	2.36	84	0.00	104	0.00
5	7.80	25	1.48	45	0.00	65	0.00	85	0.00	105	0.00
6	17.55	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	7.42	27	0.00	47	0.00	67	0.00	87	4.85	107	0.00
8	20.04	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	9.74	30	2.69	50	0.00	70	5.22	90	17.52	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	3.72	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	8.10	93	0.00	113	0.00
14	0.00	34	26.15	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	15.20	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.26	97	18.59	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	2.24	79	0.32	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2386.89

ESSA DATE 10/01/69 BAG NUMBER7101

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1466.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	6.37	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	4.29	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	2.60	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	0.00	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1479.26

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 41
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 10/01/69 BAG NUMBER7102

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3435.00	21	1.43	41	0.00	61	0.00	81	0.00	101	0.00
2	117.91	22	14.01	42	0.00	62	9.92	82	0.00	102	0.00
3	126.07	23	8.44	43	5.44	63	15.00	83	0.00	103	0.00
4	83.22	24	0.00	44	0.00	64	11.58	84	0.00	104	0.00
5	29.13	25	14.42	45	0.00	65	0.00	85	0.95	105	0.44
6	110.21	26	0.00	46	8.25	66	0.00	86	1.92	106	0.62
7	26.78	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	100.84	28	0.00	48	0.00	68	0.00	88	0.00	108	0.51
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	54.62	30	15.72	50	3.95	70	12.56	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	8.14	111	0.00
12	23.48	32	22.46	52	0.20	72	2.91	92	11.85	112	0.00
13	0.00	33	0.00	53	1.83	73	54.14	93	0.00	113	2.51
14	0.00	34	0.00	54	2.11	74	0.00	94	9.11	114	2.77
15	0.00	35	13.86	55	68.06	75	0.00	95	8.67	115	3.06
16	0.00	36	10.77	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	6.05	57	18.35	77	17.42	97	13.43	117	0.00
18	0.00	38	2.19	58	0.00	78	0.00	98	5.16	118	0.00
19	0.00	39	1.08	59	9.98	79	5.51	99	0.00	119	0.00
20	0.00	40	7.33	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 4541.36

ESSA DATE 10/01/69 BAG NUMBER7103

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2916.00	21	1.12	41	0.00	61	0.00	81	0.00	101	3.65
2	75.21	22	6.31	42	0.00	62	0.83	82	0.00	102	0.00
3	73.57	23	4.78	43	2.61	63	4.42	83	0.00	103	1.38
4	34.85	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	18.72	25	6.34	45	0.00	65	0.36	85	0.00	105	0.33
6	65.80	26	0.00	46	4.16	66	0.00	86	0.00	106	0.00
7	15.25	27	0.00	47	0.00	67	0.00	87	5.25	107	1.16
8	53.87	28	0.00	48	0.00	68	0.28	88	0.00	108	0.42
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	28.41	30	7.09	50	0.00	70	7.64	90	2.08	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	8.14	111	0.00
12	9.87	32	0.00	52	0.00	72	1.58	92	14.01	112	0.00
13	0.00	33	0.00	53	1.11	73	33.52	93	0.00	113	1.31
14	0.00	34	3.96	54	1.08	74	0.00	94	10.44	114	0.00
15	0.00	35	0.00	55	36.42	75	0.00	95	20.77	115	2.34
16	0.00	36	4.02	56	0.00	76	0.00	96	6.93	116	0.00
17	0.00	37	2.30	57	9.81	77	10.28	97	7.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	3.05	118	0.00
19	0.00	39	0.00	59	8.16	79	4.60	99	0.00	119	0.00
20	0.00	40	2.22	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 3544.80

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 42
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 10/01/69 BAG NUMBER7105

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2259.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	60.55	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	40.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	36.41	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	9.36	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	47.15	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	14.42	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	41.76	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2508.65

ESSA DATE 10/01/69 BAG NUMBER7106

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2340.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	45.25	22	1.31	42	0.00	62	1.35	82	0.00	102	0.00
3	15.71	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	28.61	24	0.00	44	0.85	64	0.00	84	0.00	104	0.00
5	0.00	25	1.26	45	0.00	65	0.42	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	7.42	27	0.00	47	0.00	67	0.00	87	2.37	107	0.00
8	10.44	28	0.00	48	0.00	68	0.00	88	2.61	108	0.26
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	9.70	30	0.00	50	0.00	70	2.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	4.32	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	3.38	93	0.00	113	0.00
14	0.00	34	0.35	54	1.77	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	10.60	75	0.00	95	0.00	115	3.19
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.18	57	0.00	77	1.23	97	2.20	117	0.00
18	0.00	38	0.00	58	0.00	78	0.75	98	0.00	118	0.00
19	0.00	39	0.00	59	3.31	79	0.57	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2501.41

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 43
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 10/01/69 BAG NUMBER7107

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1711.00	21	0.00	41	0.00	61	6.64	81	0.00	101	0.00
2	9.88	22	0.76	42	0.00	62	0.00	82	0.96	102	0.00
3	8.93	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	1.02	45	0.00	65	4.60	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	4.74	27	0.00	47	0.00	67	0.00	87	8.71	107	0.00
8	13.15	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	16.72	30	0.40	50	0.00	70	7.10	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.27	91	0.00	111	0.00
12	1.97	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.51	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	10.21	75	0.00	95	0.00	115	1.67
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.41	97	2.66	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1818.31

ESSA DATE 10/01/69 BAG NUMBER7108

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1721.00	21	0.00	41	0.00	61	0.20	81	0.00	101	0.00
2	0.00	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.13	103	0.00
4	8.84	24	0.00	44	0.00	64	0.00	84	0.92	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	4.43	106	0.00
7	6.18	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	11.69	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	8.63	30	0.00	50	0.00	70	1.13	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.57	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	4.34	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	8.75	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.38	97	2.96	117	0.00
18	0.00	38	0.00	58	0.00	78	0.71	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.60	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1783.46

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 44
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 10/01/69 BAG NUMBER7109

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1858.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	33.14	22	2.89	42	0.00	62	0.00	82	0.00	102	0.00
3	26.43	23	1.27	43	1.13	63	0.99	83	2.25	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	8.84	25	2.28	45	0.00	65	0.00	85	0.00	105	0.00
6	25.22	26	0.00	46	0.00	66	0.00	86	0.00	106	1.20
7	11.13	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	30.48	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	12.22	30	3.12	50	0.00	70	3.59	90	4.35	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	1.88	111	0.00
12	4.94	32	0.00	52	0.18	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	9.73	93	0.00	113	0.00
14	0.00	34	3.86	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	16.07	75	0.00	95	0.00	115	1.39
16	0.00	36	1.30	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	5.18	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.76	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2073.81

ESSA DATE 10/01/69 BAG NUMBER7110

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1897.00	21	0.00	41	0.00	61	0.87	81	0.00	101	0.38
2	26.77	22	2.35	42	0.00	62	2.14	82	0.00	102	0.00
3	25.71	23	1.61	43	0.89	63	0.00	83	0.00	103	0.00
4	20.81	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	6.76	25	1.95	45	0.00	65	0.00	85	0.00	105	0.00
6	20.84	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.24	27	2.56	47	0.00	67	0.00	87	0.00	107	0.00
8	27.98	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	13.58	30	1.65	50	0.00	70	3.44	90	3.95	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	7.34	111	0.00
12	4.97	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	9.24	93	0.00	113	0.00
14	0.00	34	4.18	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	15.82	75	0.00	95	0.00	115	1.54
16	0.00	36	1.34	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.56	57	0.00	77	5.57	97	3.21	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
I9	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.71	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2123.95

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 45
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 10/01/69 BAG NUMBER7111

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1783.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	30.59	22	2.54	42	0.00	62	1.19	82	0.00	102	0.00
3	22.86	23	0.77	43	0.85	63	0.00	83	0.00	103	0.00
4	17.68	24	0.00	44	0.00	64	3.37	84	1.87	104	0.00
5	6.24	25	1.73	45	0.00	65	0.00	85	0.00	105	0.53
6	17.55	26	0.00	46	0.00	66	0.00	86	0.00	106	0.49
7	8.24	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	20.46	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	9.40	30	1.39	50	0.00	70	2.76	90	14.03	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	4.06	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	8.62	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	2.66	55	14.85	75	0.00	95	0.00	115	0.00
16	0.00	36	1.13	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	3.60	97	3.59	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	2.27	79	0.00	99	0.00	119	0.00
20	0.00	40	0.38	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1988.69

ESSA DATE 10/02/69 BAG NUMBER7150

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1458.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	6.37	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	4.29	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	3.34	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1472.00

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 46
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 10/02/69 BAG NUMBER7151

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1592.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	10.83	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	12.14	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	4.16	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	4.16	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	3.71	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	6.68	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	1.99	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	3.39	93	0.00	113	0.00
14	0.00	34	0.85	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	8.93	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.87	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1649.71

ESSA DATE 10/02/69 BAG NUMBER7152

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1673.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	12.75	22	0.55	42	0.00	62	0.00	82	0.00	102	0.00
3	13.57	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	6.76	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	5.20	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	10.97	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	4.12	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	8.77	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.10	30	0.00	50	0.00	70	1.80	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.40	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	5.95	93	0.00	113	0.00
14	0.00	34	1.29	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	11.97	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	2.33	97	4.03	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	2.96	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1771.52

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 47
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 10/02/69 BAG NUMBER7153

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1488.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	5.10	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	0.00	23	0.00	43	0.00	63	0.00	83	0.00	103	0.00
4	0.00	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	0.00	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	4.18	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	0.00	30	0.00	50	0.00	70	0.00	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.00	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	0.00	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	0.00	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1497.28

ESSA DATE 10/02/69 BAG NUMBER7154

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1721.00	21	0.00	41	0.00	61	0.00	81	0.00	101	0.00
2	28.68	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	10.00	23	0.00	43	0.00	63	1.28	83	0.00	103	0.00
4	15.60	24	0.00	44	0.00	64	0.00	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	8.24	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	12.53	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	2.95	30	5.02	50	0.00	70	0.71	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	0.84	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	3.24	93	0.00	113	0.00
14	0.00	34	0.00	54	0.00	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	7.58	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	0.00	97	1.83	117	0.00
18	0.00	38	0.00	58	0.00	78	0.68	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 1820.17

SCOTT RESEARCH LABORATORIES CPA70-611421113SR042 RUN DATE 2/06/69- 48
CONCENTRATION OF C1 TO C10 HYDROCARBONS

ESSA DATE 10/02/69 BAG NUMBER7155

PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1917.00	21	0.00	41	0.00	61	0.73	81	0.00	101	0.00
2	16.57	22	0.00	42	0.00	62	0.00	82	0.00	102	0.00
3	11.43	23	0.00	43	0.00	63	3.17	83	0.00	103	0.00
4	7.80	24	0.00	44	0.00	64	4.02	84	0.00	104	0.00
5	0.00	25	0.00	45	0.00	65	0.00	85	0.00	105	0.00
6	0.00	26	0.00	46	0.00	66	0.00	86	0.00	106	0.00
7	6.18	27	0.00	47	0.00	67	0.00	87	0.00	107	0.00
8	14.61	28	0.00	48	0.00	68	0.00	88	0.00	108	0.00
9	0.00	29	0.00	49	0.00	69	0.00	89	0.00	109	0.00
10	4.46	30	0.00	50	0.00	70	2.05	90	0.00	110	0.00
11	0.00	31	0.00	51	0.00	71	0.00	91	0.00	111	0.00
12	1.59	32	0.00	52	0.00	72	0.00	92	0.00	112	0.00
13	0.00	33	0.00	53	0.00	73	5.79	93	0.00	113	0.00
14	0.00	34	0.00	54	0.19	74	0.00	94	0.00	114	0.00
15	0.00	35	0.00	55	12.18	75	0.00	95	0.00	115	0.00
16	0.00	36	0.00	56	0.00	76	0.00	96	0.00	116	0.00
17	0.00	37	0.00	57	0.00	77	1.59	97	0.00	117	0.00
18	0.00	38	0.00	58	0.00	78	0.00	98	0.00	118	0.00
19	0.00	39	0.00	59	0.00	79	0.00	99	0.00	119	0.00
20	0.00	40	0.00	60	0.00	80	0.00	100	0.00	120	0.00

TOTAL CONCENTRATION 2009.36